BERKSHIRE

COMBINED SANITARY DISTRICT.

REPORT

TO THE RURAL AND URBAN AUTHORITIES

OF THE

COMBINED SANITARY DISTRICT OF

BERKSHIRE,

FOR THE YEAR ENDING DECEMBER 31ST, 1909.

BY

G. TREW CATTELL, M.D., D.P.H.,

MEDICAL OFFICER OF HEALTH.

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SANITARY INSPECTORS, 1909.

Rural Districts.

Abingdon	WARREN, T. B., Abingdon.
Bradfield	WINDLE, T., North Street, Theale, Reading.
Cookham	COLEMAN, W. J., Queen Street Chambers, Maidenhead.
Crowmarsh	GRAY, A. G., Benson, Wallingford.
Culham	TOMPKINS, S. C., Appleford, Abingdon.
Easthampstead ...	YORKE, CHARLES, Council Offices, Bracknell.
Goring	WINDLE, T., North Street, Theale, Reading.
Hungerford	RAINE, W. S., Hungerford.
Newbury	CHURCH, W., "Homeside," Newtown Road, Newbury.
Ramsbury	STRICKLAND, W., Hungerford.
Wallingford	LAY, R. B., Sotwell, Wallingford.
Windsor	BURCH, E. A., Sunningdale, Ascot.

Urban Districts.

Abingdon	WINSHIP, G., Borough Buildings, Abingdon.
Maidenhead	BARFORD, J. H., Guildhall, Maidenhead.
Newbury	VINCENT, S. J. L., Town Hall, Newbury.
Wallingford	GRAY, A. G., Benson, Wallingford.

BERKSHIRE COMBINED SANITARY DISTRICT.

STATISTICAL DETAILS OF THE CENSUS, 1901.

Area of District ... ... **370,524 acres**

Land, 367,894 acres. Inland Water, 2,630 acres.

Population **139,378**

Males, 67,667. Females, 71,711.

Occupied Houses **30,447**

Giving an average density of occupation of 4·5 persons per house.

Geological Character.—The chief geological features of each district are briefly mentioned in the several reports to the respective authorities.

Meteorological Observations.—The total rainfall for the year 1909 registered in the various districts where observations are taken was—

URBAN DISTRICTS.

	1908	1909
Wallingford ...	23·82 ...	26·89
Newbury ...	26·45 ...	27·28

RURAL DISTRICTS.

Wallingford ...	23·68 ...	25·91
Windsor ...	23·70 ...	26·41
Easthampstead ...	24·79 ...	28·75
Goring	21·37 ...	25·86
Culham	23·99 ...	26·83
Hungerford ...	27·28 ...	32·75
Ramsbury ...	27·28 ...	32·77
Bradfield ...	24·90 ...	29·21

The rainfall for the year 1908 is given for the sake of comparison. August 17th was the day when the greatest amount was registered, at Newbury this amounted to 2·03 inches. The wettest month was October with a mean recorded fall of 4·55 inches for the combined district. The driest month was February, when only 0·45 of an inch was registered, this being one inch below the average for twenty-six years.

At no time during the year did a state of flood exist in the valley of the Thames or its tributaries. In the middle of October the river rose somewhat rapidly owing to the continuance of wet weather, but the recent improved methods of dealing with flood water by the Thames Conservancy averted the danger, and the river did not overflow its banks.

Population and Housing.—The estimated population for the middle of the year 1909 is 139,775, which is calculated on the census taken in 1901 and excludes special inmates of institutions not belonging to the district. This shows an increase of 189 persons for the year. All the urban districts but one show an increase, but in the rural districts, especially in the western end of the county, the population is stationary or slightly decreasing.

The number of new houses built in the combined districts during the year is 372. The building is mostly confined to the towns or portions of rural districts adjacent to them, and the question of housing in the more rural portions still remains a matter of difficulty. The recent legislation on this matter, giving as it does extensive powers to Local Authorities, will doubtless in time tend to ameliorate the present condition.

Notifiable Infectious Diseases.—The following table gives the number of cases of notifiable disease in the combined district for the year 1909 as compared with 1908 :—

		1908		1909
Scarlet Fever	...	296	...	471
Diphtheria ...	...	229	...	234
Enteric Fever	...	29	...	17
Erysipelas ...	...	50	...	65
Puerperal Fever	...	3	...	10
Tuberculosis	...	—	...	43
		607	...	840

The large increase in the notifiable infectious disease is due partly to the very large number of cases of scarlet fever in certain parts of the district, and also to the inclusion of tuberculosis which appears for the first time this year in the list.

Scarlet Fever.—This disease shows an increase of 175 cases over the preceding year, and has been again very prevalent in the Windsor Rural, Maidenhead Urban and Cookham Rural Districts, which account for 210 out of the 471 cases notified. The disease was, as a rule, of a very mild type and this, as was remarked in the report for 1908, accounts largely for its spread. The towns of Newbury and Maidenhead, with sixty-three and 111 cases respectively, have had the disease present in epidemic form. In these centres of population the spread of an outbreak is difficult to check and the closing of schools of little avail, the children, if not meeting at school, are constantly playing together in the streets and other places. Two deaths, one in Easthampstead and the other at Maidenhead, were registered as occurring from scarlet fever, thus giving a case mortality of 0·42 per cent.

Diphtheria.—The number of cases notified, 234, is practically the same as last year, but the number of persons actually suffering from the disease is somewhat less than appears from the number of notifications received, as the diagnosis of diphtheria is in a certain percentage of cases not substantiated by subsequent bacteriological examination. A number of cases occurred in the town of Wallingford during the first nine months of the year,

and the outbreak was doubtless prolonged by the presence of one or two children acting as "carriers" of infection while attending school. By the term "carrier" is meant a person apparently in good health but having the bacillus of diphtheria present in his throat and capable, by close contact, or by sneezing, or coughing, of transmitting it to others, thus it is that schools are so apt to become centres of infection.

Thirty-five deaths were registered during the year from this disease, twelve of which occurred at Maidenhead, out of thirty-one cases notified, where the disease was of a somewhat severe type. The case mortality from diphtheria was 15 per cent. as against 7·42 for last year.

Enteric Fever.—The number of cases of this disease shows a slight increase over the year 1908, seventeen cases as against twelve. In seven districts no case was notified during the year, many of the others were clearly imported, and no district had more than three cases notified in the twelve months. The efficiency of the precautions adopted is shown by the fact that no spread of the disease occurred in any instance beyond the initial case. Four deaths were registered in the year.

Puerperal Fever.—Ten cases of this disease were notified and one death occurred.

Tuberculosis.—The notification of this disease commenced on January 1st, 1909, but it is limited to "poor persons," as defined by the Local Government Board, or inmates of a Poor Law Institution. Forty-three cases were so notified, but the total number of persons was thirty-eight, the others being notified twice over, first as poor persons and subsequently as inmates of Poor Law Institutions. The rate per 1,000 of population is only 0·2.

Non-Notifiable Infectious Disease. — The combined districts as a whole were comparatively free of measles, whooping cough and chicken pox during the year 1909. In some places it was necessary to close the elementary schools for short periods

with a view of preventing the spread of disease. The following fatal cases were registered as compared with 1908 :—

	1908	1909
Measles	8 ...	9
Whooping Cough ...	16 ...	6

INFLUENZA was present in a sporadic form and accounted for fifty-six deaths.

CANCER.—The progressive mortality from this disease is a cause for anxiety, as each successive year it is necessary to record a marked increase in the number of deaths. The mortality registered during the year 1909 is 163, which shows an increase of thirty-six over that of ten years ago. The progressive character of the mortality is seen at a glance in Table C.

Isolation Hospitals.—The following districts are provided with means of isolating the infectious sick :—

1. Abingdon Urban 2. Abingdon Rural 3. Culham Rural* 4. Goring Rural	Hospital at Abingdon.
5. Wallingford Urban 6. Wallingford Rural 7. Crowmarsh Rural	Hospital at Wallingford.
8. Maidenhead Urban 9. Cookham Rural	Hospital at Maidenhead.
10. Newbury Urban 11. Newbury Rural	Hospital at Newbury.

In the rural district of Hungerford suggestions have been made by a resident for the provision of a hospital and one may possibly be erected in the near future.

The rural district of Windsor will be partly provided, the parish of Old Windsor being able to send cases to the new Hospital of the Egham Urban District Council.

* For pauper cases only.

The rural districts of Bradfield, Easthampstead, Ramsbury and Hungerford are at the present time unprovided with hospital accommodation.

The Joint Hospital Board for Windsor Rural, Windsor Urban and Egham Urban Districts has practically ceased to exist. Application has been made to the Local Government Board for its dissolution owing to the difficulty experienced by the members to come to an agreement on the subject. It is to be hoped that those districts now unprovided with Isolation Hospitals will, before long, see their way to adopt some means, either by themselves or in conjunction with neighbouring districts, to more adequately deal with persons suffering from infectious disease. To further this matter a meeting was held at Reading in November last, with Mr. C. A. Ferard, Chairman of the Easthampstead Rural District Council, presiding, to consider the question of the best means of providing an Isolation Hospital for the, at present, unprovided urban and rural districts of East Berkshire. It would appear that this portion of the county could very advantageously and economically be served by one institution placed in a central position.

Sanitary Work. — Full particulars of the premises inspected and nuisances discovered will be found in the reports of the districts concerned.

Cowsheds, Dairies, &c.—The way in which trade premises where human food is prepared are kept shows a very great advance since the system of inspection at uncertain and unexpected intervals was adopted. Cowsheds and dairies are in particular greatly improved both in cleanliness and in the adoption of simple methods for the prevention of pollution. All the slaughterhouses were inspected at frequent intervals and carcases were examined at time of slaughtering by the Medical Officer of Health and the Sanitary Inspectors. None of the Inspectors possess the Special Certificate in Meat Inspection. All the bakehouses were also inspected at frequent intervals and with very few exceptions were found to be in a satisfactory state.

Factory and Workshop Act, 1901. — The number of factories in the combined district is small, the general character of the district being essentially agricultural and residential. The whole of the factories, workshops and outworkers' premises were inspected at frequent intervals and found in most instances to be clean, well kept and in accordance with the Act. In a few cases minor defects were discovered and subsequently abated by the owner or occupier concerned.

Vital Statistics.—The number of births registered during the year 1909 in the sixteen districts forming the Berkshire Combined Sanitary District was M. 1,639, F. 1,614—total 3,253, of whom 163 were registered as illegitimate. The total number of deaths registered being 2,009—M. 1,078, F. 931, occurring in in the various quarters of the year as under :—

1st Quarter	690
2nd ,, ...	491
3rd ,, ...	397
4th ,, ...	431
	2,009

From this total have to be deducted the deaths of 226 persons dying in public institutions within the district but who previously resided elsewhere, whilst the deaths of 142 residents, who died outside their various districts, have to be added, making the corrected number of deaths 1,925—M. 1,015, F. 910.

The statistics for the past year are given below, and for the purposes of comparison the rates for England and Wales are also shown :—

	Males.	Females.	Total.	Rate per 1,000 of estimated population.	England and Wales.
Births ...	1,639	1,614	3,253	23·2	25·6
Deaths ...	1,015	910	1,925	13·7	14·5

From Table IV. of the Combined Tables is recorded the number of deaths from the various diseases at different ages, and

it will be observed that cancer was fatal to 163, bronchitis to 161, and heart diseases to 282, whilst 281, or 14 per cent. of the total number of deaths, was attributed to decay of nature.

Infantile Mortality.—From Table V. it will be seen that during the past year the deaths of 251 infants in their first year was registered. Of this number sixty-five were born prematurely, and the same number died from congenital defects and debility, whilst bronchitis was fatal to twenty-five, pneumonia to fourteen and convulsions to seventeen.

BERKSHIRE COMBINED SANITARY DISTRICT.

TABLE I.

Vital Statistics of Whole District during 1909 and Previous Years.

Year.	Population estimated to Middle of each Year.	Births.		Total Deaths Registered in the District.				Total Deaths in Public Institutions in the District.	Deaths of Non-residents registered in Public Institutions in the District.	Deaths of Residents registered in Public Institutions beyond the District.	Nett Deaths at all Ages belonging to the District.	
				Under 1 Year of Age.		At all Ages.						
		Number.	Rate.*	Number.	Rate per 1,000 Births registered.	Number.	Rate.*				Number.	Rate.*
1	2	3	4	5	6	7	8	9	10	11	12	13
1906	139,228	3,196	22·9	292	91	1,840	13·2	331	254	141	1,729	12·4
1907	139,397	3,266	23·8	262	77	1,889	14·1	338	207	131	1,813	13·1
1908	139,586	3,261	23·3	250	76	1,872	13·4	384	226	143	1,789	12·8
1909	**139,775**	**3,253**	**23·2**	**251**	**77**	**2,009**	**14·3**	**387**	**226**	**142**	**1,925**	**13·7**

* Rates in Columns 4, 8 and 13 calculated per 1,000 of estimated population.

At Census of 1901 : Area of District in acres 376,524. Total population at all ages, 139,378 ; Number of inhabited houses, 30,447 ; Average number of persons per house, 4·51.

NOTE.—Previous to the year 1906 the Egham Urban District was included in the Berkshire Combined District

TABLE III,

Cases of Infectious Diseases notified during the Year 1909.

Notifiable Disease.	Cases notified in whole district.							No. of cases removed to hospital from each locality.
	At all Ages.	At Ages—Years.						
		Under 1.	1 to 5.	5 to 15.	15 to 25.	25 to 65.	65 and upwards.	
Small-pox	...	...	...	...	...	...	...	...
Cholera	...	...	...	...	...	...	...	...
Diphtheria and Membranous croup ...	234	1	42	146	24	20	1	62
Erysipelas	65	2	4	5	4	40	10	...
Scarlet fever	471	1	71	326	49	24	...	120
Typhus fever	...	...	...	...	...	...	...	...
Enteric fever	17	...	2	2	5	7	1	...
Relapsing fever ...	...	...	...	...	...	...	...	...
Continued fever ...	...	...	...	...	...	...	...	...
Puerperal fever ...	10	...	...	...	2	8	...	...
Plague	...	...	...	...	...	...	...	...
Tuberculosis	43	...	...	3	2	38	...	...
Totals	**840**	**4**	**119**	**482**	**86**	**137**	**12**	**182**

Isolation Hospitals provided in the Rural Districts of Wallingford, Crowmarsh, Cookham, Newbury, Abingdon Culham, and Goring, and in Wallingford, Newbury, Abingdon and Maidenhead Urban Districts.

BERKSHIRE COMBINED SANITARY DISTRICT.

TABLE IV.

Causes of, and Ages at, Death during Year 1909.

Causes of Death.	All ages.	Under 1.	1 & under 5.	5 & under 15.	15 & und. 25.	25 & und. 45.	45 & und. 65.	65 & upwards.	Deaths in Public Institutions.
No. of Persons living in District at Census 1001	139,378	...	...	...	...	...	...	...	
	Deaths in or belonging to whole District at subjoined Ages.								
1	2	3	4	5	6	7A	7B	8	
Small-pox	...	...	...	...	...	...	...	...	...
Measles	9	3	4	2	...	...	...	...	...
Scarlet fever	2	...	1	1	...	...	...	...	4
Whooping-cough	6	5	1	...	...	...	..	...	...
Diphtheria and membranous croup	35	...	11	21	2	...	1	...	13
Croup	...	...	...	...	...	...	...	...	...
Fever { Typhus	...	...	...	...	...	...	...	...	...
Fever { Enteric	4	...	...	1	...	2	1	...	...
Fever { Other continued...	...	...	...	...	...	...	...	...	...
Epidemic influenza	56	3	...	1	3	5	18	26	5
Cholera	...	...	...	...	...	...	...	...	...
Plague	...	...	...	...	...	...	...	...	...
Diarrhœa	20	14	2	1	...	2	...	1	1
Enteritis	9	..	...	...	...	2	2	5	1
Puerperal fever	1	...	...	...	...	1	...	...	...
Erysipelas	2	...	...	...	...	...	...	2	1
Other septic diseases	11	2	1	..	2	...	3	3	2
Acute rheumatism	11	...	...	2	...	2	5	2	1
Phthisis	112	...	...	4	14	62	27	5	29
Other tubercular diseases	36	4	9	6	5	6	4	2	7
Cancer, malignant disease	163	...	...	...	1	12	75	75	22
Bronchitis	161	22	10	...	5	3	21	105	24
Pneumonia	87	16	9	2	5	11	19	25	18
Pleurisy	2	1	...	...	...	...	1	...	...
Other diseases of Respiratory organs	14	...	2	1	...	1	5	5	...
Alcoholism, Cirrhosis of liver	25	...	...	...	...	4	15	6	...
Venereal diseases	4	2	1	...	...	1	...	...	1
Premature birth	65	65	...	...	...	...	...	...	...
Diseases and accidents parturition	2	...	...	...	1	1	...	...	...
Heart diseases	282	2	...	2	7	22	82	167	56
Other diseases of circulating system	6	...	...	..	...	1	3	2	2
Accidents	45	2	5	6	7	11	5	9	6
Suicides	17	...	...	...	...	5	9	3	1
Apoplexy and cerebral hemorrhage	108	...	1	...	2	5	22	78	23
Other diseases of brain and nervous system ...	60	2	3	4	3	12	16	20	37
Diseases of digestive system } not tubercular or cancerous	43	...	1	2	4	7	14	15	4
Hepatic diseases ... ... } not tubercular or cancerous	1	...	...	...	...	...	...	1	...
Renal diseases ... ... } not tubercular or cancerous	52	...	...	1	2	3	19	27	9
Rheumatism, gout, and rheumatoid arthritis...	8	...	...	...	...	1	...	7	...
Developmental diseases under 5 years of age ...	31	20	10	1	...	...	...	...	1
Old age and decay	281	...	...	...	...	...	2	279	102
All other causes	154	91	3	3	4	12	17	24	17
All causes	M. 1,015 F. 910 1,925	254	74	61	62	194	386	894	387

BERKSHIRE COMBINED SANITARY DISTRICT.

TABLE V.

Infantile Mortality in 1909 from Stated Causes in Weeks and Months under One Year of Age.

	CAUSE OF DEATH.	Under 1 Week.	1-2 Weeks.	2-3 Weeks.	3-4 Weeks.	Total under 1 Month.	1-2 Months.	2-3 Months.	3-4 Months.	4-5 Months.	5-6 Months.	6-7 Months.	7-8 Months.	8-9 Months.	9-10 Months.	10-11 Months.	11-12 Months.	Total Deaths under One Year.
ALL CAUSES	Certified	78	34	8	13	133	21	13	16	18	13	8	8	2	9	4	4	249
	Uncertified	2	...	...	...	2	...	...	...	...	...	...	...	...	...	...	...	2
Common Infectious Diseases	Small-pox	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Chicken-pox	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Measles	...	...	...	...	...	...	...	...	...	1	...	...	...	1	1	...	3
	Scarlet Fever	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Diphtheria: Croup	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	1
	Whooping Cough	...	...	...	1	1	...	...	...	...	1	1	1	...	...	...	...	4
Diarrhœal Diseases	Diarrhœa, all forms	...	...	...	...	...	...	1	1	...	...	...	...	...	1	...	...	3
	Enteritis (not Tubercular) ...	...	...	...	...	...	...	...	1	1	1	...	...	...	...	1	...	4
	Gastritis, Gastro-intestinal Catarrh	...	...	...	...	...	1	2	2	...	...	1	1	...	...	...	...	7
Wasting Diseases	Premature Birth	42	18	1	4	65	...	...	...	...	...	...	...	...	...	...	...	65
	Congenital Defects	10	6	1	...	17	4	...	3	2	...	...	1	...	...	...	...	27
	Injury at Birth	1	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	1
	Want of Breast-milk	1	1	...	...	2	1	1	...	...	...	...	...	...	...	...	...	4
	Atrophy, Debility, Marasmus.	11	3	6	5	25	5	1	1	2	3	1	...	...	...	...	...	38
Tubercular Diseases	Tubercular Meningitis ...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	1
	Tubercular Peritonitis: Tabes Mesenterica	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Other Tubercular Diseases .	...	...	...	...	...	...	...	...	...	...	...	...	...	1	1	...	2
	Erysipelas	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Syphilis	...	...	...	...	...	...	1	...	...	...	1	...	...	...	...	...	2
	Rickets	...	...	...	...	...	...	...	...	...	1	...	...	...	1	1	...	3
	Meningitis (not Tubercular)	...	...	...	...	...	1	...	1	...	...	...	...	...	...	...	...	2
	Convulsions	5	3	...	...	8	2	...	1	3	1	1	1	...	...	...	...	17
	Bronchitis	...	1	...	1	2	5	2	4	3	2	...	2	...	1	...	4	25
	Laryngitis	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Pneumonia	1	...	...	1	2	1	4	2	...	...	1	2	...	2	...	...	14
	Suffocation, overlaying ...	1	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	1
	Other Causes	8	2	...	1	11	1	1	...	7	3	1	...	2	1	...	...	27
		80	34	8	13	135	21	13	16	18	13	8	8	2	9	4	4	251

Births in the year { legitimate . 3,090 / illegitimate 163 } Registered Deaths from all Causes at all Ages 2,009 (Nett Deaths 1,925) Population to middle of 1909 139,775

Registered Deaths in the year of { legitimate infants ... 231 / illegitimate infants ... 20 }

TABLE "A."

BERKSHIRE COMBINED SANITARY DISTRICT. 1909.

Vital Statistics for 1909, and Death Rates "All Causes" 1899 to 1908 inclusive.

‡ In the columns marked thus (‡) the "special" Inmates of Public Institutions, the deaths in Hospitals, in Public Lunatic Asylums, and in Union Houses are distributed in the respective Districts according to previous residence; those of persons not belonging to any of them being entirely excluded.

Names of Sanitary Districts.	Enumerated Population at Census of 1901.	Nett Corrected Population estimated to middle of 1909.‡	Births Registered 1909.	Nett Deaths, 1909.‡	1909. Birth Rate per 1,000 living.	1909. Nett Death Rate p. 1,000 living.	Nett Death Rate per 1,000 living. 1899	1900	1901	1902	1903	1904	1905	1906	1907	1908	Averages for ten years 1899 to 1908 inclusive.
NEWBURY RURAL ...	9,996	9,687	237	144	24·4	14·8	14·7	15·6	15·0	14·1	13·6	14·7	11·8	12·9	12·3	12·7	13·7
NEWBURY URBAN ...	11,061	10,996	235	188	21·4	12·0	16·0	17·2	15·1	15·1	15·3	14·5	14·5	14·8	15·0	13·1	15·1
HUNGERFORD RURAL...	8,468	7,984	209	108	26·1	13·3	17·3	15·0	15·0	15·0	15·1	15·0	15·5	14·5	16·0	14·6	15·1
RAMSBURY RURAL ...	7,094	6,382	148	92			15·2	14·8	15·9	15·6	16·6	17·2	16·1	12·2	16·1	18·6	16·1
ABINGDON RURAL ...	8,370	7,685	177	123	23·0	16·0	15·7	16·3	13·1	14·1	12·7	12·2	17·0	16·5	15·5	14·2	14·7
CULHAM RURAL	2,421	2,223	49	23	22·0	10·3	16·9	17·0	18·1	12·8	14·7	11·4	15·9	15·9	8·3	12·4	13·8
ABINGDON URBAN ...	6,480	6,309	144	106	22·8	16·7	17·7	18·3	13·7	15·4	14·1	12·1	13·6	14·6	14·2	14·5	14·8
WALLINGFORD RURAL	6,204	5,223	159	88	30·4	16·8	12·9	11·8	11·4	16·2	13·6	11·5	17·7	14·1	16·3	14·6	14·0
CROWMARSH RURAL ...	4,774	4,519	119	63	26·3	13·9	17·1	14·0	17·0	15·9	13·9	13·4	13·9	12·7	11·7	8·1	13·7
WALLINGFORD URBAN	2,808	2,530	66	38	26·0	15·0	10·3	21·9	14·9	16·2	17·8	20·3	14·2	11·3	12·1	17·6	15·6
BRADFIELD RURAL ...	15,260	15,306	350	228	22·8	14·5	14·3	14·8	13·6	12·3	11·7	13·1	13·5	13·1	13·1	12·0	13·1
GORING RURAL	2,857	2,894	58	33		11·0	14·9	10·4	14·5	12·1	12·8	10·1	10·7	13·5	16·2	11·4	12·6
COOKHAM RURAL	10,574	11,354	248	136	21·8	11·9	13·9	16·3	14·6	11·7	12·7	13·7	12·8	10·0	10·1	11·7	12·7
MAIDENHEAD URBAN ...	12,980	14,838	354	207	23·8	13·9	16·0	14·5	12·7	14·2	11·7	12·4	12·9	10·9	12·3	12·1	12·9
EASTHAMPSTEAD RUR'L	15,757	16,707	366	170	21·9	10·1	12·9	14·6	10·1	10·8	11·3	12·4	10·5	10·0	10·1	10·7	11·3
WINDSOR RURAL	14,274	15,138	334	178	22·0	11·7	13·3	12·4	12·1	13·6	10·3	12·6	10·3	10·7	11·5	12·4	11·9
TOTAL	139,378	139,775	3,253	1,925	23·3	12·8	14·8	15·0	13·6	13·6	12·8	13·0	12·9	12·4	13·1	13·1	13·3

TABLE "B."

BERKSHIRE COMBINED SANITARY DISTRICT. 1909.

Table of Death Rates per 1,000 Births, and of Death Rates per 1,000 living from the principal Diseases.

Names of Sanitary Districts.	Rate of Nett Deaths All Ages per 1,000 Births.	Rate of Nett Deaths under 1 yr. per 1,000 Births.	Small Pox.	Measles.	Scarlet Fever.	Whooping Cough.	Diphtheria and Memb. Croup.	Enteric and Contd. Fever.	Influenza.	Diarrhœa, Dysentery and Inftle. Enteritis.	Phthisis.	Cancer.	Pulmonary Inflammations.	*Developmental Diseases under 5 years.
NEWBURY RURAL	607	80	...	...	...	...	...	...	·20	·30	1·33	·92	1·85	·10
NEWBURY URBAN	800	105	...	...	...	...	·27	·09	·27	·18	·99	1·71	1·91	·36
HUNGERFORD RURAL	516	90	...	...	...	·12	·12	...	·12	·50	·62	1·25	1·62	2·62
RAMSBURY RURAL	622	81	...	...	...	·15	...	..	·78	·31	·31	1·10	2·80	...
ABINGDON RURAL	694	67	...	...	...	...	1·26	...	...	...	·78	1·17	2·21	·39
CULHAM RURAL	439	61	...	...	...	...	...	...	·44	...	·44	1·34	·44	...
ABINGDON URBAN	736	97	...	·63	...	...	...	...	·15	·15	1·42	1·73	3·01	·47
WALLINGFORD RURAL	553	37	...	...	...	...	·57	...	·57	·38	·76	2·29	2·29	·19
CROWMARSH RURAL	529	75	...	...	...	...	...	...	·44	...	1·32	·44	3·09	·22
WALLINGFORD URBAN	575	121	...	...	...	...	...	...	·39	·39	1·58	·39	2·73	...
BRADFIELD RURAL	651	94	...	·06	...	·13	19	·06	·19	·45	1·04	1·04	1·43	·32
GORING RURAL	568	68	...	...	...	·34	...	...	·68	...	...	2·78	·68	...
COOKHAM RURAL	548	80	...	...	...	-	·52	...	·17	·08	·35	·70	1·58	08
MAIDENHEAD URBAN	584	87	...	·13	.06	·06	·78	...	·30	·18	·78	1·34	2·22	·20
EASTHAMPSTEAD RURAL ...	464	54	...	·05	·05	..	·23	...	·54	·10	·41	·82	·90	·35
WINDSOR RURAL	532	50	...	·06	...	...	·06	...	·24	·06	·79	·92	·86	·06
MEAN RATE FOR COMBINED SANITARY DISTRICT ...	591	77	...	·063	·014	·042	·248	·028	·397	·205	·805	1·157	1·760	·220

* "Developmental Diseases" (under 5 years) include:—Rickets, Tabes, Marasmus, Debility, Want of Breast Milk, Malformations, Hydrocephalus, Infantile Meningitis, Convulsions, Laringismus, and Teething

TABLE "C."

BERKSHIRE COMBINED SANITARY DISTRICT, 1909.

"Enumerated" Population of the District at the Census of 1871—132,325; Census of 1881—139,998; Census of 1891—146,612; Census of 1901—151,263.

Summary of Registered Births, of "Corrected" Yearly Deaths, and of Deaths from the Chief Zymotic Diseases, Cancer, Phthisis, &c., &c., from 1874 to 1909, inclusive.

Date.	Registered Births.	"Corrected" Deaths.	Small Pox	Scarlet Fever	Diphtheria & Memb. Croup	Enteric and Contd. Fever	Measles	Whooping Cough	Diarrhœa. Dysentery and Infle. Enteritis	Influenza	Phthisis	Cancer	Pulmonary Inflammations	Developmental Diseases under 5 years.
1874	4,163	2,221	...	18	37	38	29	50	42	...	252	45	292	...
1875	3,991	2,664	2	42	39	43	11	57	95	8	281	69	409	...
1876	4,167	2,238	4	42	32	28	23	33	72	1	227	56	304	...
1877	4,154	2,293	17	82	23	30	25	32	62	1	260	74	307	309
1878	4,129	2,433	12	66	53	30	23	60	84	...	234	76	388	334
1879	4,334	2,418	...	11	22	7	67	54	50	...	245	75	419	295
1880	4,191	2,361	3	56	13	23	23	48	112	...	221	63	399	376
1881	4,159	2,064	5	45	29	17	13	12	34	...	222	64	308	...
1882	4,306	2,224	6	68	65	14	40	88	34	...	171	86	333	...
1883	4,200	2,369	...	26	53	19	46	53	51	...	240	95	378	346
1884	4,401	2,315	2	43	53	16	40	29	64	...	186	92	308	334
1885	4,103	2,357	2	7	53	9	36	26	28	...	201	85	412	329
1886	4,302	2,364	5	5	33	10	19	46	67	...	184	77	385	377
1887	4,214	2,289	...	7	23	20	47	31	59	...	164	101	355	350
1888	3,954	2,146	...	13	60	17	12	40	20	...	205	106	378	315
1889	3,962	2,021	...	2	66	9	33	22	37	...	189	89	287	280
1890	3,888	2,217	...	2	33	18	52	21	40	26	187	109	336	310
1891	3,898	2,522	...	4	33	9	18	53	29	57	194	101	491	329
1892	3,840	2,431	...	18	30	16	22	40	31	166	148	111	478	305
1893	3,997	2,087	6	16	46	8	36	23	41	37	141	99	283	262
1894	3,694	2,095	...	6	35	4	26	78	23	59	170	124	359	230
1895	3,892	2,155	...	6	38	5	22	26	43	85	135	133	296	312
1896	3,802	1,872	...	13	41	11	30	20	28	27	145	106	230	294
1897	3,771	2,019	...	6	24	5	4	56	42	38	169	105	304	309
1898	3,706	2,153	...	4	21	10	38	16	128	66	168	128	300	255
1899	3,605	2,197	..	11	24	10	28	48	105	87	165	127	269	252
1900	3,450	2,243	...	5	29	5	16	21	63	129	134	146	366	223
1901	3,572	2,036	...	9	20	6	20	23	50	22	115	144	281	244
1902	3,569	2,034	5	2	25	9	34	23	27	59	125	152	270	223
1903	3,498	1,925	3	3	11	4	9	47	33	29	131	165	253	205
1904	3,629	1,964	...	6	23	3	22	22	73	29	141	162	251	160
1905	3,448	1,961	...	4	18	6	34	41	35	24	143	159	281	130
* 1906	3,196	1,729	...	4	31	5	2	29	40	28	122	139	230	105
1907	3,266	1,813	...	3	23	2	14	25	46	34	126	124	248	95
1908	3,261	1,789	...	3	17	4	8	16	50	40	121	156	208	53
1909	**3,253**	**1,925**	...	**2**	**35**	**4**	**9**	**6**	**29**	**56**	**112**	**163**	**248**	**31**

* The Statistics for Egham Urban District since 1905 are not included in this return, as it is no longer a part of the Berkshire Combined District.

BERKSHIRE COMBINED SANITARY DISTRICT.

Proportion per 1,000 of Enumerated Population, at Census of 1901, living at respective ages

Districts.	Under 1.	1 to 5.	5 to 15.	15 to 25.	25 to 45.	45 to 65.	Above 65
Newbury Rural ...	19·0	81·8	232·4	166·0	248·6	173·8	78·4
Newbury Urban ...	17·0	80·0	209·5	179·5	261·5	173·6	78·7
Hungerford Rural ...	22·4	88·1	223·1	171·8	253·0	161·6	81·1
Ramsbury Rural ...	23·0	89·6	226·4	148·6	233·6	178·5	100·3
Abingdon Rural ...	22·0	90·7	224·7	167·9	243·7	177·0	74·3
Culham Rural ...	23·1	94·2	229·4	163·6	253·6	164·0	72·3
Abingdon Urban ...	22·8	81·8	225·2	182·6	251·8	164·3	71·3
Wallingford Rural ...	16·4	77·4	210·2	154·1	261·1	209·4	80·4
Crowmarsh Rural ...	23·2	92·6	231·9	149·8	242·8	180·6	78·3
Wallingford Urban ...	15·7	76·9	199·8	178·4	267·5	174·5	87·2
Bradfield Rural ...	20·7	87·7	226·9	171·4	260·0	167·5	65·7
Goring Rural ...	17·8	68·6	206·5	189·0	281·8	174·3	61·9
Cookham Rural ...	22·2	84·1	214·9	164·0	278·2	164·5	68·2
Maidenhead Urban ...	23·7	84·2	212·7	186·7	288·5	156·2	48·1
Easthampstead Rural...	18·7	76·8	208·2	198·3	274·1	167·1	56·9
Windsor Rural ...	20·5	84·4	216·4	185·1	287·2	154·1	52·3
Averages of							
Rural Districts ...	20·5	84·0	217·7	176·3	267·2	168·9	65·2
Urban Districts ...	20·6	81·7	213·0	182·8	270·7	165·1	66·1
Combined District	20·5	83·5	216·6	177·8	268·7	168·1	65·4

Name of District.	No. of Inhabited Houses.				Public† Institutions in District.	Enumerated Population.			
	1871.	1881.	1891.	1901.		1871.	1881.	1891.	1901
Newbury Rural ...	2,860	2,516	2,405	2,348	...	12,938	11,183	10,454	9,996
Newbury Urban ...	1,688	2,176	2,385	2,580	W. H.	7,703	10,143	11,002	11,061
Hungerford Rural ..	4,232	4,054	1,990	1,964	W.	19,349	17,795	8,994	8,468
Ramsbury Rural ...			1,877	1,747	...			8,023	7,094
Abingdon Rural ...	3,205	2,884	2,027	1,942	...	15,762	13,621	9,279	8,370
Culham Rural ...			588	569	...			2,692	2,421
Abingdon Urban ...	1,243	1,455	1,384	1,440	W. H.	5,799	5,676	6,557	6,480
Wallingford Rural	2,565	2,467	1,287	1,272	As.	11,676	11,690	6,567	6,204
Crowmarsh Rural ...			1,185	1,134	...			5,150	4,774
Wallingford Urban	567	560	605	624	W. H.	2,972	2,803	2,989	2,808
Bradfield Rural ...	3,362	3,608	3,100	3,322	W.	15,853	17,972	15,183	15,260
Goring Rural ...			556	630	...			2,834	2,857
Cookham Rural ...	1,806	1,848	2,061	2,373	...	8,700	8,715	9,861	10,574
Maidenhead Urban	1,168	1,549	2,071	2,763	W. H.	6,173	8,219	10,607	12,980
Easthampstead Rural	1,840	2,255	2,579	2,928	W. As.	10,632	12,664	13,704	15,757
Windsor Rural ...	2,930	3,675	*2,398	*2,811	W. H.(2)	14,768	19,517	*12,529	*14,274
Egham Rural ...									
The Combined District	27,466	29,047	28,498	30,447	...	132,325	139,998	0,	139,378

† W., Workhouse; H., Hospital; As., Lunatic Asylum. * Windsor Rural only.

Newbury Rural Sanitary District.

STATISTICAL DETAILS OF CENSUS, 1901.

Area of District	42,388 acres
Land, 42,060 acres. Inland Water, 328 acres.	
Population	9,996
Males, 4,818. Females, 5,178.	
Occupied Houses	2,348
Density of Occupation, 4·3 per house, and 1 to every $4\frac{3}{4}$ acres.	

Geological Character.—South of the river Kennet the district is situate mainly on the Woolwich and Reading beds, while to the north of that river the cretaceous formation predominates. The portions running immediately parallel to the rivers Kennet and Lambourne are on the river drift gravels and alluvium.

Meteorological Observations.—The total rainfall for the year was 27·25 inches, the largest fall being recorded on August 17th, when 2·03 inches were registered. The wettest month was October, when 4·72 inches of rain fell, and the driest February, when only 0·49 of an inch was noted, this being about 1·25 inches below the average. During the year rain fell on 183 days, and the total for 1909 was 2 inches above the average for the last ten years in the Thames Valley.

Population and Housing.—The population estimated to the middle of the year 1909 is 9,687. This calculation is based on the fact that in the ten years 1891–1901 there was an average annual decrease of 45·8 persons. During the last few years a

large number of new houses have been built (fifty-six in the past two years) and it is therefore probable that by this method an under-estimation may exist. This will be corrected when the census is taken next year, but these statistics are based on the above estimation. Twenty-eight new houses were built and thirty-eight plans passed under the Building Bye-Laws. Fifteen foul, five overcrowded, and three dilapidated houses were reported.

Sewerage and Water Supply.—No new extensions to the existing sewers in the district have been made during the year. The water supply is nearly entirely from wells, except that part of the district adjacent to the town of Newbury, where the Borough public supply is available. Six samples of water were submitted to analysis all of which were found to be of a satisfactory standard of purity.

Sanitary Work.—The Sanitary Inspector, Mr. W. Church, reports having inspected 940 premises during the year. Four complaints were received and three detailed inspections made. Two hundred and eight nuisances were discovered, the principal of these being :—

Privies and Earth Closets	40
House Drains	25
Swine	11
Cowsheds	15
Slaughterhouses	8
Bakehouses	8
Foul, Dilapidated or Overcrowded Houses	23
Foul ditches	18

Nuisances were abated on 186 different premises. Two formal notices were served and subsequently complied with. Thirty-five premises were disinfected after infectious disease.

Cowsheds, Dairies, &c.—The following table gives the number of premises registered in the district, the number

inspected during the year, and the number of nuisances detected :—

	Number Registered.	Number Inspected.	Nuisances.
Cowsheds ...	64 ...	67 ...	15
Dairies ...	60 ...	60 ...	—
Slaughterhouses ...	7 ...	16 ...	8
Piggeries ...	— ...	17 ...	11
Bakehouses ...	19 ...	19 ...	8

The nuisances discovered were abated by either the owners or occupiers concerned.

Factory and Workshop Act, 1901.—Two factories and six workshops were inspected during the year, and seven defects discovered, four being want of cleanliness, one deficient ventilation, and two unsuitable sanitary accommodation. These were remedied, one case was reported to H.M. Inspector.

Isolation Hospital was inspected by the Medical Officer of Health during the year and found to be well kept and efficiently administered. Four cases of diphtheria and nineteen of scarlet fever were treated in that institution from the district in 1909.

Notifiable Infectious Diseases.—The following table gives the number of cases of infectious disease notified in the district during the year :—

	1908.	1909.
Scarlet Fever ...	3 ...	31
Diphtheria ...	3 ...	6
Erysipelas ...	3 ...	3
Enteric Fever ...	2 ...	2
Puerperal Fever ...	1 ...	1
Tuberculosis ...	— ...	—
	12	43

Scarlet Fever.—There has been a large increase of this disease as compared with 1908. The greater number of cases

have been in that part of the district which adjoins the Borough of Newbury, where the disease has been very prevalent. Of the thirty-one cases notified nineteen were removed to the Isolation Hospital. Donnington School was closed for a fortnight in October, and Midgham for three weeks in July, on account of this disease.

Diphtheria.—Only six cases occurred during the year, and no fatal case was registered.

Enteric Fever.—Two cases occurred at Ashmore Green in April, owing to the precautions adopted no spread of the disease took place.

Tuberculosis.—This disease appears for the first time this year as a notifiable illness. Its notification is however limited to "poor persons," as defined by the Local Government Board, or inmates of a Poor Law Institution.

Non-Notifiable Infectious Diseases.—There was very little infectious sickness in the district in 1909. No fatal case of either measles or whooping cough was registered during the year. A small outbreak of the former disease occurred at Beenham in July and the schools were closed for three weeks on this account.

Influenza.—At no time during the year did this disease assume epidemic proportions, two deaths were registered, one in March and the other in May.

Vital Statistics.—The number of births registered in the district during the year was 237—M. 120, F. 117, and the deaths 117—M. 62, F. 55, occurring in the several qaarters of the year, as under :—

1st Quarter	...	...	...	41
2nd ,,	...	...	...	32
3rd ,,	...	...	...	22
4th ,,	...	...	...	22

To these figures have to be added the deaths of twenty-seven

former residents dying in public institutions outside the district, thus making the corrected number of deaths 144—M. 80, F. 64.

The birth and death statistics and rates per 1,000 of the estimated population are :—

	Males.	Females.	Total.	Rate per 1,000.
Births ...	120	117	237	24·4
Deaths .	80	64	144	14·8

Thirteen deaths were attributed to phthisis, nine to cancer, and thirteen to bronchitis, whilst pneumonia was fatal to five, heart diseases to twenty-five, and apoplexy to eleven.

Infantile Mortality.—The number of infants dying in their first year was nineteen, giving a rate per 1,000 births of 80. Five children were born prematurely, three died from bronchitis, and one from convulsions.

The rates per 1,000 of the estimated popnlation for the principal causes of death are :—

Influenza	0·20	Heart Diseases ...	2·57
Puerperal Fever...	0·10	Developmental Diseases under five years ...	0·10
Phthisis	1·33		
Bronchitis ...	1·33		

NEWBURY RURAL SANITARY DISTRICT.

TABLE I.

Vital Statistics of Whole District during 1909 and Previous Years.

Institutions within District receiving sick and infirm "Non-residents":—Nil.

Institutions outside District receiving sick and infirm "Residents" from it:—
Union House, Cottage Hospital, and Isolation Hospital, Newbury; County Asylum, Moulsford.

Year.	Population estimated to Middle of each Year.	Births.		Total Deaths Registered in the District.				Total Deaths in Public Institutions in the District.	Deaths of Non-residents registered in Public Institutions in the District.	Deaths of Residents registered in Public Institutions beyond the District.	Nett Deaths at all Ages belonging to the District.	
				Under 1 Year of Age.		At all Ages.						
		Number.	Rate.*	Number.	Rate per 1,000 Births registered.	Number.	Rate.*				Number.	Rate.*
1	2	3	4	5	6	7	8	9	10	11	12	13
1899	10,179	221	21·7	21	95	133	13·3	nil.	nil.	17	150	14·7
1900	10,131	201	19·8	23	114	143	14·1	,,	,,	16	159	15·6
1901	10,079	244	24·2	23	94	134	13·3	,,	,,	17	151	15·0
1902	10,031	193	19·2	14	72	120	11·9	,,	,,	22	142	14·1
1903	9,983	209	20·9	14	67	120	12·0	,,	,,	16	136	13·6
1904	9,935	211	21·2	20	95	134	13·5	,,	,,	12	149	14·7
1905	9,887	207	20·9	12	58	101	10·2	,,	,,	16	117	11·8
1906	9,835	200	20·3	17	85	109	11·1	,,	,,	18	127	12·9
1907	9,783	211	21·6	13	62	109	11·1	,,	,,	11	120	12·3
1908	9,735	200	20·05	14	70	112	11·5	,,	,,	12	124	12·7
Averages for years 1899-1908	9,957	209	21·0	17	81	121	12·2	,,	,,	15	137	13·7
1909	9,687	237	24·4	19	80	117	12·0	,,	,,	27	144	14·8

* Rates in Columns 4, 8 and 13 calculated per 1,000 of estimated population.

At Census of 1901: Area of District in acres (exclusive of area covered by water) 42,060; Total population at all ages, 9,996; Number of inhabited houses, 2,348; Average number of persons per house, 4·3.

TABLE III.

Cases of Infectious Diseases notified during the Year 1909.

Notifiable Disease.	Cases notified in whole district.							No. of cases removed to hospital from each locality.
	At all Ages.	At Ages—Years.						
		Under 1.	1 to 5.	5 to 15.	15 to 25.	25 to 65.	65 and upwards	
Small-pox	...	...	...	...	...	...	...	...
Cholera	...	...	...	...	...	...	...	...
Diphtheria and Membranous croup ...	6	...	1	5	...	...	...	4
Erysipelas	3	...	...	...	1	2	...	...
Scarlet fever	31	...	...	27	3	1	...	19
Typhus fever	...	...	...	...	...	...	...	...
Enteric fever	2	...	1	...	...	1	...	...
Relapsing fever ...	...	...	...	...	...	...	...	...
Continued fever ...	...	...	...	...	...	...	...	...
Puerperal fever ...	1	...	...	...	...	1	...	...
Plague	...	...	...	...	...	...	...	...
Tuberculosis	...	...	...	...	...	...	...	...
Totals	43	...	2	32	4	5	...	23

Isolation Hospital at Wash Common, Newbury, used jointly by Rural and Urban Authorities.

NEWBURY RURAL SANITARY DISTRICT.

TABLE IV.

Causes of, and Ages at, Death during Year 1909.

Causes of Death.	All ages.	Under 1.	1 & under 5.	5 & under 15.	15 & und. 25.	25 & und. 45.	45 & und. 65.	65 & upwards.	Deaths in Public Institutions.
No. of Persons living in District at Census 1901	9,996	190	818	2323	1659	2485	1737	784	
	Deaths in or belonging to whole District at subjoined Ages.								
1	2	3	4	5	6	7A	7B	8	
Small-pox	...	...	...	...	...	...	...	...	Not any Public Institution in the District.
Measles	...	...	...	...	...	...	...	...	
Scarlet fever	...	...	...	...	...	...	...	...	
Whooping-cough	...	...	...	...	...	...	...	...	
Diphtheria and membranous croup	...	...	...	...	...	...	...	...	
Croup	...	...	...	...	...	...	...	...	
Fever { Typhus	...	...	...	...	...	...	...	...	
Fever { Enteric	...	...	...	...	...	...	...	...	
Fever { Other continued...	...	...	...	...	...	...	...	...	
Epidemic influenza	2	...	...	...	1	...	1	...	
Cholera	...	...	...	...	...	...	...	...	
Plague	...	...	...	...	...	...	...	...	
Diarrhœa	3	1	1	...	...	1	...	...	
Enteritis	...	...	...	...	...	...	...	...	
Puerperal fever	1	...	..	...	...	1	...	...	
Erysipelas	...	...	...	..	...	...	...	...	
Other septic diseases	1	...	...	...	...	...	1	...	
Acute rheumatism	2	...	...	...	...	...	1	1	
Phthisis	13	...	...	...	3	6	3	1	
Other tubercular diseases	1	...	...	...	...	...	1	...	
Cancer, malignant disease	9	...	...	...	...	1	5	3	
Bronchitis	13	3	...	...	...	...	1	9	
Pneumonia	5	..	...	1	...	2	1	1	
Pleurisy	...	...	...	...	...	...	...	...	
Other diseases of Respiratory organs	4	...	1	..	...	1	1	1	
Alcoholism, Cirrhosis of liver	1	...	...	...	...	1	...	...	
Venereal diseases	...	...	...	..	...	...	...	...	
Premature birth	5	5	...	...	...	...	...	...	
Diseases and accidents parturition	...	...	...	...	...	...	...	...	
Heart diseases	25	1	...	...	1	1	5	17	
Other diseases of circulating system	2	...	...	..	...	1	1	...	
Accidents	2	...	...	1	...	...	...	1	
Suicides	1	...	...	...	...	...	1	...	
Apoplexy and cerebral hemorrhage	11	...	...	...	...	...	3	8	
Other diseases of brain and nervous system ...	1	...	...	...	...	1	...	...	
Diseases of digestive system } not tubercular or cancerous	1	...	...	...	...	...	...	1	
Hepatic diseases ... ... } not tubercular or cancerous	...	...	...	...	...	...	...	...	
Renal diseases ... ... } not tubercular or cancerous	2	...	...	...	...	...	1	1	
Rheumatism, gout, and rheumatoid arthritis...	...	...	...	...	...	...	...	...	
Developmental diseases under 5 years of age ...	1	1	...	...	...	...	...	...	
Old age and decay	22	...	...	...	...	...	...	22	
All other causes	16	8	...	...	...	...	3	5	
All causes	M. 80 / F. 64 = 144	19	2	2	5	16	29	71	...

NEWBURY RURAL SANITARY DISTRICT.

TABLE V.

Infantile Mortality in 1909 from Stated Causes in Weeks and Months under One Year of Age.

	CAUSE OF DEATH.	Under 1 Week.	1-2 Weeks.	2-3 Weeks.	3-4 Weeks.	Total under 1 Month.	1-2 Months.	2-3 Months.	3-4 Months.	4-5 Months.	5-6 Months.	6-7 Months.	7-8 Months.	8-9 Months.	9-10 Months.	10-11 Months.	11-12 Months.	Total Deaths under One Year.
All Causes	Certified	6	6	...	1	13	...	1	...	...	2	...	1	...	1	1	...	19
	Uncertified	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Common Infectious Diseases	Small-pox	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Chicken-pox	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Measles	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Scarlet Fever	...	...	...	...	..	...	..	...	...	...	...	...	...	...	...	..	...
	Diphtheria: Croup	...	...	...	...	...	..	...	...	...	...	...	...	...	...	...	...	...
	Whooping Cough	...	...	...	...	...	..	...	...	...	...	...	...	...	...	...	...	...
Diarrhœal Diseases	Diarrhœa, all forms	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	1
	Enteritis (not Tubercular) ...	..	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Gastritis, Gastro-intestinal Catarrh	..	..	...	...	...	...	..	...	...	...	...	...	...	...	...	...	...
Wasting Diseases	Premature Birth	2	3	...	...	5	...	...	...	...	...	...	...	...	...	...	...	5
	Congenital Defects	...	1	...	...	1	...	...	...	...	...	...	1	...	...	...	...	2
	Injury at Birth	...	...	...	...	...	...	...	..	...	...	...	...	...	...	..	...	...
	Want of Breast-milk... ...	1	.	..	...	1	...	1	..	...	...	...	.	..	...	...	...	2
	Atrophy, Debility, Marasmus.	1	2	..	...	3	...	...	...	...	...	...	...	...	...	...	...	3
Tubercular Diseases	Tubercular Meningitis ...	...	...	...	..	...	...	...	...	...	...	. .	...	...	...	...	...	...
	Tubercular Peritonitis: Tabes Mesenterica	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Other Tubercular Diseases .	...	...	...	...	...	...	...	...	...	...	..	..	...	...	...	...	...
	Erysipelas	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Syphilis	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	..	...
	Rickets	...	...	...	...	...	...	...	...	...	...	...	..	...	...	...	...	...
	Meningitis (not Tubercular)	...	...	...	...	...	...	...	...	..	...	..	...	...	...	...	...	...
	Convulsions	1	...	...	...	1	...	...	...	..	...	...	...	...	...	..	...	1
	Bronchitis	...	...	...	...	...	...	...	...	...	2	...	...	...	...	1	...	3
	Laryngitis	...	...	...	...	...	...	...	...	...	...	..	...	...	...	...	...	...
	Pneumonia	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Suffocation, overlaying ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Other Causes...	1	...	...	1	2	...	...	...	...	...	...	...	...	...	...	...	2
		6	6	...	1	13	...	1	...	...	2	...	1	...	1	1	...	19

Births in the year { legitimate . 225, illegitimate 12 } Registered Deaths from all Causes at all Ages (Nett Deaths 144) 117 Population to middle of 1909 } 9,687

Registered Deaths in the year of { legitimate infants ... 18, illegitimate infants ... 1 }

Newbury Urban Sanitary District.

STATISTICAL DETAILS OF CENSUS, 1901.

Area of District	1,828 acres.
Land, 1,804 acres. Inland Water, 24 acres.	
Population	11,061
Males, 5,053. Females, 6,008.	
Occupied Houses	2,580
Density of Occupation, 4·3 persons per house.	

Geological Character. — The centre of the town of Newbury lies on the Kennet river drift, north and south of which it extends up the chalk slopes, overlaid in places by London clay or the Woolwich and Reading beds.

Meteorological Observations.— The total rainfall for the year was 27·28 inches, the greatest fall in twenty-four hours being on August 17th, when 2·03 inches were registered. The wettest month was October, when 4·72 inches were recorded, and the driest month was February, when only 0 49 of an inch was noted, this being about 1¼ inches below the average. Rain fell on 183 days during the year and the total for 1909 was two inches above the average for the Thames valley.

Population and Housing.—Forty-two sets of plans for 220 houses have been passed under the Building Bye-Laws and sixty-eight houses have been built during the year. As about 450 new houses have been built since last census was taken a considerable increase in the population must have taken place, but until the next census it is impossible to estimate the population except by the usual method of basing the calculation on the previous decennial period. From 1891–1901 the average

annual increase was six persons, so that the population for the middle of the year 1909 would be 10,996. This is however without doubt very considerably under-estimated. It is difficult and undesirable to alter this method until the next census is taken.

Six houses were reported as being overcrowded and six as being dirty.

Sanitary Work.—The Sanitary Inspector, Mr. S. J. L. Vincent, reports having visited 613 premises during the year, and having made forty detailed inspections. Twenty-six complaints were received and thirty-seven nuisances discovered. The principal of these being :—

House Drains	8
Water Closets	12
Swine	2
Polluted Water Supplies ...	2
Overcrowded or Foul Houses ...	12

These were subsequently abated, thirteen formal notices were served but in no case was it necessary to institute legal proceedings.

Seventy-seven premises were disinfected after infectious disease.

Cowsheds, Dairies, &c.—The following premises were inspected during the year :—

Cowsheds	8
Dairies	14
Milkshops	14
Slaughterhouses	12
Bakehouses	21
Piggeries	3
Common Lodging Houses ...	4

These were on the whole well kept, and any defects noted were remedied by the owner or occupier concerned.

Factory and Workshop Act, 1901.—Thirty-two workshops and twelve workplaces were inspected, in no case was any

nuisance detected, and they were found to be kept in accordance with the Act.

Sewerage and Water Supply.—The sewage disposal works continue to work satisfactorily and the purification obtained in the tanks and beds is good. The large volume of sewage passing through the works, owing to subsoil water gaining access to the sewers in parts of the town, renders the final treatment difficult and the land becomes at times flooded. The only remedy for this will be to acquire a larger area. Two new streets have been sewered in the year 1909.

The dry scavenging is carried out by the Borough Authorities and disposed of without nuisance to the inhabitants.

The water supplied by the public mains continues to be of good quality.

New Works.—In the year the following works have been commenced :—

1. New Municipal Offices.
2. Widening of Mansion House Street.
3. Two new Municipal Slaughterhouses.
4. Three new roads constructed.

Isolation Hospital.—The hospital at Wash Common was inspected by the Medical Officer of Health and found to be kept in a clean and satisfactory manner. The work during some months of the year has been very heavy owing to the regrettable amount of infectious disease in the town. Twenty-seven cases of scarlet fever and ten of diphtheria were treated in the institution during the year.

Notifiable Infectious Diseases.—The following table gives the number of cases of infectious disease occurring in the district in 1909, as compared with 1908 :—

	1908.	1909.
Scarlet Fever	1 ...	63
Diphtheria	7 ...	30
Enteric Fever	1 ...	2
Erysipelas	1 ...	3
Tuberculosis	— ...	5

Scarlet Fever.—The number of cases during the first six months was unimportant. In September the number of cases commenced to increase, and in October twenty-four cases were notified. The disease was of a mild type and this fact accounted largely for its spread, many cases being first recognised when in the peeling stage. No deaths were registered.

Diphtheria.—Twenty-three cases were notified in the first six months of the year, three of which had fatal termination. In July and August no cases occurred and it is noteworthy that these are the months when the schools are in vacation. Seven cases were notified during the autumn months but no further fatal case was registered.

Enteric Fever.—Three cases were notified, and one death was registered from this disease during the year.

Tuberculosis.—This appears for the first time this year as a notifiable disease. Its notification is however limited to "poor persons," as defined by the Local Government Board, or inmates of a Poor Law Institution.

Non-Notifiable Infectious Diseases.—

Measles.—This disease was not prevalent during the year, and no deaths were registered.

Whooping Cough.—Very few cases, and no deaths occurred from this disease.

Influenza.—A few cases occurred in the late winter months, and three deaths were registered from this disease in January and February.

Report of the School Medical Officer.—Dr. Hickman, the School Medical Officer for the Borough, has published a full and interesting account of the work of his department, which report is in your hands. He has made twenty regular visits in the course of the year, and inspected 300 children, 160 males and 140 females. One good effect of medical inspection is that the children are being sent to school in a more cleanly condition than before. The percentage of verminous heads having fallen from 22·1 to 11·9 per cent. The buildings, lavatories, drains, and sanitary arrangements are in a satisfactory condition.

Further and detailed information on this important subject will be found in the report to the Education Committee.

Vital Statistics.—The number of births registered in the district during the year was 235—M. 121, F. 114, and the deaths 216—M. 125, F. 91, recorded in the several quarters of the year, as under :—

1st Quarter	56
2nd ,, ...	47
3rd ,, ...	55
4th ,, ...	58

From this number have to be deducted the deaths of thirty-one persons who previously resided in other districts, whilst the deaths of three persons who formerly resided in the district and died in public institutions without the district have to be added, making the "corrected" number of deaths 188—M. 104, F. 84. The birth and death statistics and rates per 1,000 of the estimated population are :—

	Males.	Females.	Total.	Rate per 1,000.
Births ...	121	114	235	21·4
Deaths ...	104	84	188	17·0

Three deaths were recorded from diphtheria, three from influenza, and eleven from phthisis, whilst cancer was fatal to nineteen, bronchitis to eighteen, and heart diseases to thirty-six.

Infantile Mortality.—Twenty-five deaths of infants dying in their first year were recorded, giving the high rate of 105 per 1,000 births registered. Five of these died from bronchitis, three were born prematurely, four from congenital defects and one was overlaid.

The following are the rates per 1,000 of the estimated population for the following causes of death :—

Diphtheria ...	0.27	Heart Disease	3·24
Enteric Fever ...	0·09	Apoplexy	1·08
Influenza ...	0·27	Developmental Diseases	
Phthisis	0·99	under five years ...	0·36
Cancer	1·71		

NEWBURY URBAN SANITARY DISTRICT.

TABLE I.

Vital Statistics of Whole District during 1909 and Previous Years.

Institutions within District receiving sick and infirm "Non-residents":—
Union House, Cottage Hospital, and Isolation Hospital.

Institutions outside District receiving sick and infirm "Residents" from it:—
County Asylum, Moulsford; Royal Berks Hospital, Reading.

Year.	Population estimated to Middle of each Year.	Births.		Total Deaths Registered in the District.				Total Deaths in Public Institutions in the District.	Deaths of Non-residents registered in Public Institutions in the District.	Deaths of Residents registered in Public Institutions beyond the District.	Nett Deaths at all Ages belonging to the District.	
				Under 1 Year of Age.		At all Ages.						
		Number.	Rate.*	Number.	Rate per 1,000 Births registered.	Number.	Rate.*				Number.	Rate.*
1	2	3	4	5	6	7	8	9	10	11	12	13
1899	10,936	237	21·7	23	97	195	17·8	37	21	1	175	16·0
1900	10,942	232	21·2	23	99	199	18·2	33	14	3	188	17·2
1901	10,948	235	21·5	38	162	193	17·6	39	18	4	179	16·3
1902	10,954	257	23·5	15	58	181	16·3	29	19	4	166	15·1
1903	10,960	225	20·5	18	80	178	16·2	32	14	4	168	15·3
1904	10,966	255	23·2	18	71	170	15·5	35	15	4	159	14·5
1905	10,972	247	22·5	22	89	175	15·9	39	20	4	159	14·5
1906	10,978	245	22·3	30	129	182	16·5	42	21	2	163	14·8
1907	10,984	212	19·3	21	99	181	16·4	33	16	...	165	15·0
1908	10,990	235	21·3	13	55	161	14·6	42	20	3	144	13·1
Averages for years 1899-1908	10,963	238	21·7	22	93	181	16·5	36	17	3	166	15·1
1909	**10,996**	**235**	**21·4**	**25**	**105**	**216**	**19·6**	**63**	**31**	**3**	**188**	**17·0**

* Rates in Columns 4, 8 and 13 calculated per 1,000 of estimated population.

At Census of 1901: Area of District in acres (exclusive of area covered by water) 1,804; Total population at all ages, 11,061; Number of inhabited houses, 2,580; Average number of persons per house, 4·3.

TABLE III.

Cases of Infectious Diseases notified during the Year 1909.

Notifiable Disease.	Cases notified in whole district.							No. of cases removed to hospital from each locality.
	At all Ages.	At Ages—Years.						
		Under 1.	1 to 5.	5 to 15.	15 to 25.	25 to 65.	65 and upwards	
Small-pox	...	...	...	...	...	...	...	...
Cholera	...	...	...	...	...	...	...	...
Diphtheria and Membranous croup ...	30	...	3	24	2	...	1	10
Erysipelas	3	...	...	...	...	3	...	...
Scarlet fever	63	...	3	52	6	2	...	27
Typhus fever	...	...	...	...	...	...	...	...
Enteric fever	2	...	...	...	1	1	...	...
Relapsing fever ...	...	...	...	...	...	...	...	...
Continued fever ...	...	...	...	...	...	...	...	...
Puerperal fever ...	...	...	...	...	...	...	...	...
Plague	...	...	...	...	...	...	...	...
Tuberculosis	5	...	...	...	1	4	...	...
Totals	**103**	...	**6**	**76**	**10**	**10**	**1**	**37**

Isolation Hospital at Wash Common, Newbury, used jointly by Rural and Urban Authorities.

NEWBURY URBAN SANITARY DISTRICT.

TABLE IV.

Causes of, and Ages at, Death during Year 1909.

Causes of Death.	All ages.	Under 1.	1 & under 5.	5 & under 15.	15 & und. 25.	25 & und. 45.	45 & und. 65.	65 & upwards.	Deaths in Public Institutions.
No. of Persons living in District at Census 1901	11,061	188	884	2317	1986	2893	1922	871	
	Deaths in or belonging to whole District at subjoined Ages.								
1	2	3	4	5	6	7A	7B	8	
Small-pox	...	...	...	...	...	...	...	...	...
Measles	...	...	...	...	...	...	...	...	...
Scarlet fever	...	...	...	...	...	...	...	...	...
Whooping-cough	...	...	...	...	...	...	...	...	...
Diphtheria and membranous croup	3	...	1	2	...	...	...	...	1
Croup	...	...	...	...	...	...	...	...	...
Fever { Typhus	...	...	...	...	...	...	...	...	...
Fever { Enteric	1	...	...	...	...	1	...	...	...
Fever { Other continued...	...	...	...	...	...	...	...	...	...
Epidemic influenza	3	...	...	...	...	1	2	...	...
Cholera	...	...	...	...	...	...	...	...	...
Plague	...	...	...	...	...	...	...	...	...
Diarrhœa	1	...	1	...	...	...	...	...	...
Enteritis	1	...	...	...	...	1	...	...	...
Puerperal fever	...	...	...	...	...	...	...	...	...
Erysipelas	...	...	...	..	...	...	...	...	...
Other septic diseases	1	...	...	...	1	...	...	...	1
Acute rheumatism	...	...	...	...	...	...	...	...	...
Phthisis	11	...	...	...	1	4	5	1	3
Other tubercular diseases	5	1	2	...	1	1	...	...	4
Cancer, malignant disease	19	...	...	...	...	1	7	11	3
Bronchitis	18	5	1	...	...	2	...	10	7
Pneumonia	3	...	1	...	...	...	...	2	3
Pleurisy	...	...	...	...	...	...	...	...	...
Other diseases of Respiratory organs	6	...	...	1	...	...	3	2	...
Alcoholism, Cirrhosis of liver	2	...	...	...	...	...	1	1	...
Venereal diseases	...	...	...	...	...	...	...	...	...
Premature birth	3	3	...	...	...	...	...	...	...
Diseases and accidents parturition	...	...	...	...	...	...	...	...	...
Heart diseases	36	...	...	...	1	5	12	18	19
Other diseases of circulating system	...	...	...	...	...	...	...	...	1
Accidents	2	1	1	...	...	...	...	...	2
Suicides	...	...	...	...	...	...	...	...	...
Apoplexy and cerebral hemorrhage	12	...	...	...	...	1	3	8	3
Other diseases of brain and nervous system ...	5	...	...	...	...	1	2	2	1
Diseases of digestive system } not tubercular or cancerous	1	...	...	...	...	...	1	...	2
Hepatic diseases ... ... } not tubercular or cancerous	1	...	...	...	...	...	...	1	...
Renal diseases ... ... } not tubercular or cancerous	6	...	...	...	1	...	2	3	1
Rheumatism, gout, and rheumatoid arthritis...	...	...	...	...	...	...	...	...	...
Developmental diseases under 5 years of age ...	4	2	2	...	...	...	...	...	...
Old age and decay	24	...	...	...	...	...	...	24	7
All other causes	20	13	1	1	...	2	2	1	5
All causes	M. 104 / F. 84 = 188	25	10	4	5	20	40	84	63

NEWBURY URBAN SANITARY DISTRICT.

TABLE V.

Infantile Mortality in 1909 from Stated Causes in Weeks and Months under One Year of Age.

	CAUSE OF DEATH.	Under 1 Week.	1-2 Weeks.	2-3 Weeks.	3-4 Weeks.	Total under 1 Month.	1-2 Months.	2-3 Months.	3-4 Months.	4-5 Months.	5-6 Months	6-7 Months.	7-8 Months.	8-9 Months.	9-10 Months.	10-11 Months.	11-12 Months.	Total Deaths under One Year.
ALL CAUSES	Certified	7	2	3	3	15	2	...	2	3	...	...	2	...	...	1	...	25
	Uncertified	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Common Infectious Diseases	Small-pox	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Chicken-pox	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Measles	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Scarlet Fever	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Diphtheria: Croup	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Whooping Cough	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Diarrhœal Diseases	Diarrhœa, all forms	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Enteritis (not Tubercular) ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Gastritis, Gastro-intestinal Catarrh	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Wasting Diseases	Premature Birth	2	...	...	1	3	...	...	...	...	...	...	...	...	...	...	...	3
	Congenital Defects	2	...	1	...	3	...	...	1	...	...	...	...	...	...	...	...	4
	Injury at Birth	1	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	1
	Want of Breast-milk... ...	...	1	...	...	1	1	...	...	...	...	...	...	...	...	...	...	2
	Atrophy, Debility, Marasmus.	1	...	2	2	5	...	...	...	1	...	...	...	...	...	...	...	6
Tubercular Diseases	Tubercular Meningitis ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Tubercular Peritonitis: Tabes Mesenterica	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Other Tubercular Diseases .	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	1
	Erysipelas	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Syphilis	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Rickets	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Meningitis (not Tubercular)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Convulsions	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	1
	Bronchitis	...	1	...	...	1	1	...	1	2	...	...	1	...	...	...	...	6
	Laryngitis	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Pneumonia	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Suffocation, overlaying ...	1	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	1
	Other Causes...	.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		7	2	3	3	15	2	...	2	3	..	...	2	...	...	1	...	25

Births in the year { legitimate . 221, illegitimate 14 } Registered Deaths from all Causes at all Ages (Nett Deaths 188) 216 Population to middle of 1909 } 10,996

Registered Deaths in the year of { legitimate infants ... 21, illegitimate infants ... 4 }

Hungerford Rural Sanitary District.

STATISTICAL DETAILS OF CENSUS, 1901.

Area of District	44,816 acres
Land, 44,661 acres. Inland Water, 155 acres.	
Population	8,468
Males, 4,205. Females, 4,263.	
Inhabited Houses	1,964
Unoccupied do.	164

Density of Occupation, 4·3 persons per house, and 1 to every 5·3 acres.

Geological Character.—With the exception of alluvial strips adjoining the Kennet and Lambourne streams and a small area on the Woolwich and Reading beds south of Hungerford, the chalk formation prevails throughout the district. Outside the town of Hungerford, with the exception of the villages of Lambourne and Kintbury, the district is sparsely populated.

Meteorological Observations.—The total rainfall for the year recorded in the district was 32·75 inches, this being an increase of 5·65 inches over the preceding year. The wettest month was October, with a fall of 5·5 inches, and the driest February, when only 0·59 of an inch was registered. The greatest fall in twenty-four hours was 1·72 inches on August 16th. Rain fell on 186 days in the year.

Population and Housing.—Between 1891 and 1901 the mean yearly decrease in the population was 52·6 persons. Assuming this decrease to have continued at the same rate the population for the middle of the year 1909 would be 7,984. Only twelve houses have been built during the year, so that

practically little increase of population can have possibly occurred. One house was closed as unfit for occupation, seven foul, thirteen dilapidated and seven overcrowded houses were dealt with. Twenty plans were passed under the Building Bye-laws.

Sewerage and Water Supply.—The sewerage scheme of the town of Hungerford is now an accomplished fact and connections thereto are being made. Numbers of private houses are being connected up and within a few weeks the disposal works will be ready to start. At Lambourne, the pollution of the river, of which complaint had been made by the Thames Conservancy in former years, has been to a great extent prevented and the source of pollution cut off. It is gratifying to be able to record that no complaint has been received during the year 1909.

The water supply of this district is mainly from wells mostly in the chalk, which as a rule give a good supply of pure water. The town of Hungerford has a public supply, which now the main drainage is established will no doubt be even more used than in the past. Two samples of water were taken for analysis, one of which was condemned. Thirteen new supplies were provided, six being from wells and seven from the water company's mains. Eleven certificates of water supply were granted.

Sanitary Work.—The Sanitary Inspector, Mr. W. S. Raine, reports having visited 701 premises during the year, 694 of which were detailed inspections. Three complaints were received and 230 nuisances discovered. The principal being :—

Privies	42
Earth Closets	33
House Drains...	9
Animals	20
Cowsheds	8
Bakehouses	5
Polluted or Deficient Water Supplies ...	22
Overcrowded, Foul or Dilapidated Houses	24

Nuisances were abated in 194 premises ; 191 formal notices were served but in no case was it necessary to take legal proceedings. Fourteen premises were disinfected after infectious disease.

Cowsheds, Dairies, etc.—The following premises were inspected during the year :—

Cowsheds	22
Dairies	14
Milkshops	5
Slaughterhouses	7
Bakehouses	14
Piggeries	13

These on the whole were found to be kept in a satisfactory state and any improvements suggested were carried out without trouble by the persons concerned.

Factory and Workshop Act, 1901.—One factory and forty-three workshops were inspected. In three cases written notices were served, in each case owing to a want of proper cleanliness, which was subsequently rectified.

New Public Works.—Only two new public works were started during the year.

1. The Hungerford Main Drainage.
2. The New County School at Hungerford.

Notifiable Infectious Diseases.—The following table gives the number of cases of infectious diseases notified in 1909 as compared with the preceding year :—

	1908.		1909.
Scarlet Fever	1	...	2
Diphtheria ...	24	...	5
Erysipelas ...	7	...	6
Enteric Fever	1	...	—
Tuberculosis	—	...	9
	33		22

Scarlet Fever.—Only two cases were notified during the year, one in August and one in December.

Diphtheria.—It is pleasing to be able to record the great diminution in the cases of diphtheria registered this year as compared with twenty-four in 1908 and twenty-nine in 1907. One fatal case was registered in January.

Tuberculosis.—Tuberculosis appears for the first time this year as a notifiable disease. Its notification is confined to "poor persons," as defined by the Local Government Board, or inmates of a Poor Law Institution.

Non-notifiable Infectious Diseases.—

Measles.—This disease was not very prevalent during the year and no death was registered.

Chicken Pox.—The district was almost entirely free from this disease during the year.

Whooping Cough.— There were a good many cases in the late winter and early spring, and one death was registered as occurring from this disease in April. An outbreak at Kintbury among the children attending the Christ Church Schools took place in September, but no fatal case was recorded.

Influenza.—One death was registered from this disease in March. At no time did it exist in an epidemic form in the district in 1909.

Vital Statistics.—The number of births registered in the district during the year was 209—M. 92, F. 117, and the number of deaths 114—M. 62, F. 52, recorded during the several quarters as under :—

1st Quarter	44
2nd ,, ...	31
3rd ,, ...	26
4th ,, ...	13

The deaths of nine non-residents who died in the workhouse have to be deducted from this total, whilst those of three

residents who died in public institutions beyond the district have to be added, thus making the nett number of deaths 108. The birth and death statistics and rates per 1,000 of the estimated population for the year are therefore :—

	Males.	Females.	Total.	Rate per 1,000.
Births ...	92 ...	117 ...	209 ...	24·1
Deaths ...	61 ...	47 ...	108 ...	13·5

Phthisis was fatal to seven, cancer to ten and pneumonia to nine, whilst the deaths of eighteen persons were recorded from heart diseases, four from apoplexy and twenty-one from old age.

Infantile Mortality.—From Table V. it will be noticed that nineteen infants died in their first year and of these six were born prematurely, four died from diarrhœal diseases and two from pneumonia.

The rates per 1,000 of the estimated population for the principal causes of death were—

Diphtheria ...	0·12	Heart Diseases ...	2·25
Phthisis ...	0·62	Apoplexy	0·50
Cancer ...	1.25	Developmental Diseases	
Bronchitis ...	0·50	under five years	2·62

HUNGERFORD RURAL SANITARY DISTRICT.

TABLE I.

Vital Statistics of Whole District during 1909 and Previous Years.

Institutions within District receiving sick and infirm "Non-residents":—
Union House.

Institutions outside District receiving sick and infirm "Residents" from it:—
County Asylum, Moulsford; Royal Berks Hospital, Reading.

Year.	Population estimated to Middle of each Year.	Births.		Total Deaths Registered in the District.				Total Deaths in Public Institutions in the District.	Deaths of Non-residents registered in Public Institutions in the District.	Deaths of Residents registered in Public Institutions beyond the District.	Nett Deaths at all Ages belonging to the District.	
				Under 1 Year of Age.		At all Ages.						
		Number.	Rate.*	Number.	Rate per 1,000 Births registered.	Number.	Rate.*				Number.	Rate.*
1	2	3	4	5	6	7	8	9	10	11	12	13
1899	8,510	240	28·2	26	108	152	17·9	15	9	4	147	17·3
1900	8,458	194	22·9	20	103	141	16·7	19	13	2	130	15·4
1901	8,402	252	30·0	26	103	130	15·5	21	7	2	125	15·0
1902	8,350	193	23·1	19	98	123	15·0	17	8	9	124	15·0
1903	8,298	206	24·8	17	82	130	15·6	20	8	3	125	15·1
1904	8,246	229	27·6	23	100	129	15·6	23	13	8	124	15·0
1905	8,194	197	24·0	20	101	136	16·6	22	7	4	127	15·5
1906	8,142	200	24·5	20	100	123	15·1	25	11	2	114	14·5
1907	8,088	202	24·9	20	99	134	16·6	17	10	6	130	16·0
1908	8,036	229	28·4	19	82	123	15·3	25	11	6	118	14·6
Averages for years 1899-1908	8,272	214	25·8	21	97	132	15·9	20	9	4	126	15·1
1909	7,984	209	26·1	19	90	114	14·2	21	9	3	108	13·5

* Rates in Columns 4, 8 and 13 calculated per 1,000 of estimated population.

At Census of 1901: Area of District in acres (exclusive of area covered by water) 44,664; Total population at all ages, 8,468; Number of inhabited houses, 1,964; Average number of persons per house, 4·3.

TABLE III,

Cases of Infectious Diseases notified during the Year 1909.

Notifiable Disease.	Cases notified in whole district.							No. of cases removed to hospital from each locality.
	At all Ages.	At Ages—Years.						
		Under 1.	1 to 5.	5 to 15.	15 to 25.	25 to 65.	65 and upwards.	
Small-pox	...	...	...	...	...	...	...	...
Cholera	...	...	...	...	...	...	...	...
Diphtheria and Membranous croup ...	5	...	1	4	...	...	...	...
Erysipelas	6	...	...	...	...	2	4	...
Scarlet fever	2	...	...	2	...	...	...	...
Typhus fever	...	...	...	...	...	...	...	...
Enteric fever	...	...	...	...	...	...	...	...
Relapsing fever ...	...	...	...	...	...	...	...	...
Continued fever ...	...	...	...	...	...	...	...	...
Puerperal fever ...	...	...	...	...	...	...	...	...
Plague	...	...	...	...	...	...	...	...
Tuberculosis	9	...	...	...	...	9	...	...
Totals	22	...	1	6	...	11	4	...

Isolation Hospital: None in the District.

HUNGERFORD RURAL SANITARY DISTRICT.

TABLE IV.

Causes of, and Ages at, Death during Year 1909.

Causes of Death.	All ages.	Under 1.	1 & under 5.	5 & under 15.	15 & und. 25.	25 & und. 45.	45 & und. 65.	65 & upwards.	Deaths in Public Institutions.
No. of Persons living in District at Census 1901	8,468	190	746	1889	1455	2142	1369	687	
	Deaths in or belonging to whole District at subjoined Ages.								
1	2	3	4	5	6	7A	7B	8	
Small-pox	...	...	...	...	...	...	...	...	...
Measles	...	...	...	...	...	...	...	...	...
Scarlet fever	...	...	...	...	...	...	...	...	...
Whooping-cough	1	1	...	...	...	...	...	...	...
Diphtheria and membranous croup	1	...	...	1	...	...	...	...	...
Croup	...	...	...	...	...	...	...	...	...
Fever: Typhus	...	...	...	...	...	...	...	...	...
Fever: Enteric	...	...	...	...	...	...	...	...	...
Fever: Other continued	...	...	...	...	...	...	...	...	...
Epidemic influenza	1	...	...	...	...	...	...	1	...
Cholera	...	...	...	...	...	...	...	...	...
Plague	...	...	...	...	...	...	...	...	...
Diarrhœa	4	4	...	...	...	...	...	...	...
Enteritis	...	...	...	...	...	...	...	...	...
Puerperal fever	...	...	...	...	...	...	...	...	...
Erysipelas	...	...	...	...	...	...	...	...	...
Other septic diseases	1	1	...	...	...	...	...	...	...
Acute rheumatism	1	...	...	...	...	1	...	...	...
Phthisis	5	...	...	...	1	2	2	...	1
Other tubercular diseases	1	...	...	...	...	1	...	...	...
Cancer, malignant disease	10	...	...	...	...	...	6	4	...
Bronchitis	4	...	...	...	...	...	1	3	...
Pneumonia	9	2	1	...	2	1	1	2	4
Pleurisy	...	...	...	...	...	...	...	...	...
Other diseases of Respiratory organs	...	...	...	...	...	...	...	...	...
Alcoholism, Cirrhosis of liver	2	...	...	...	...	...	1	1	...
Venereal diseases	...	...	...	...	...	...	...	...	...
Premature birth	6	6	...	...	...	...	...	...	...
Diseases and accidents parturition	...	...	...	...	...	...	...	...	...
Heart diseases	18	...	...	...	1	...	6	11	5
Other diseases of circulating system	...	...	...	...	...	...	...	...	...
Accidents	5	...	...	1	...	...	2	2	1
Suicides	...	...	...	...	...	...	...	...	...
Apoplexy and cerebral hemorrhage	4	...	...	...	...	...	2	2	1
Other diseases of brain and nervous system	1	...	...	1	...	...	...	...	2
Diseases of digestive system (not tubercular or cancerous)	1	...	...	...	...	1	...	...	...
Hepatic diseases (not tubercular or cancerous)	...	...	...	...	...	...	...	...	...
Renal diseases (not tubercular or cancerous)	2	...	...	...	...	1	...	1	...
Rheumatism, gout, and rheumatoid arthritis	...	...	...	...	...	...	...	...	...
Developmental diseases under 5 years of age	2	...	2	...	...	...	...	...	...
Old age and decay	21	...	...	...	...	...	2	19	4
All other causes	8	5	...	...	...	1	...	2	3
All causes	M. 61, F. 47 = 108	19	3	3	4	8	23	48	21

HUNGERFORD RURAL SANITARY DISTRICT.

TABLE V.

Infantile Mortality in 1909 from Stated Causes in Weeks and Months under One Year of Age.

	CAUSE OF DEATH.	Under 1 Week.	1 - 2 Weeks.	2 - 3 Weeks.	3 - 4 Weeks.	Total under 1 Month.	1 - 2 Months.	2 - 3 Months.	3 - 4 Months.	4 - 5 Months.	5 - 6 Months	6 - 7 Months.	7 - 8 Months.	8 - 9 Months.	9 - 10 Months.	10 - 11 Months.	11 - 12 Months	Total Deaths under One Year.
ALL CAUSES	Certified	5	3	...	1	9	1	1	1	1	1	2	1	1	...	...	1	19
	Uncertified	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Common Infectious Diseases	Small-pox	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Chicken-pox	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Measles	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Scarlet Fever	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Diphtheria : Croup	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Whooping Cough	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	1
Diarrhœal Diseases	Diarrhœa, all forms	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	1
	Enteritis (not Tubercular) ...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	1
	Gastritis, Gastro-intestinal Catarrh	...	...	...	...	...	...	1	...	...	...	1	...	...	...	...	...	2
Wasting Diseases	Premature Birth	4	2	...	...	6	...	...	...	...	...	...	...	...	...	...	...	6
	Congenital Defects	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Injury at Birth	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Want of Breast-milk... ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Atrophy, Debility, Marasmus.	1	...	...	...	1	1	...	...	...	...	...	...	...	...	...	...	2
Tubercular Diseases	Tubercular Meningitis ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Tubercular Peritonitis : Tabes Mesenterica	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Other Tubercular Diseases .	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Erysipelas	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Syphilis	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Rickets	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Meningitis (not Tubercular)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Convulsions	...	1	...	...	1	...	...	...	...	...	...	...	...	...	...	...	1
	Bronchitis	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Laryngitis	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Pneumonia	...	...	...	...	...	...	...	...	...	...	1	...	...	...	1		2
	Suffocation, overlaying ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Other Causes	...	...	...	1	1	...	...	...	...	1	...	...	1	...	...	...	3
		5	3	...	1	9	1	1	1	1	1	2	1	1	...	...	1	19

Births in the year { legitimate . 196 / illegitimate 13 } Registered Deaths from all Causes at all Ages (Nett Deaths 108) 114 Population to middle of 1909 } 7,984

Registered Deaths in the year of { legitimate infants ... 19 / illegitimate infants ... ... }

Ramsbury Rural Sanitary District.

STATISTICAL DETAILS OF CENSUS, 1901.

Area of District	51,614 acres
Land, 51,471 acres. Inland Water, 143 acres.	
Population	7,094
Males, 3,571. Females, 3,523.	
Occupied Houses	1,747

Density of Occupation, 4·6 persons per house, and 1 to every 7 acres.

Geological Character.—The cretaceous formation prevails through most of the district at the Bedwyns, this is overlaid by the London clay or the Woolwich and Reading beds. At Shalbourne the upper green sand comes to the surface.

Meteorological Observations.—The total rainfall for the year in the district was 32·77 inches, as against 27·28 for 1908, thus shewing an increase of 5·49 inches; rain fell on 186 days. The largest fall in twenty-four hours occurred on August 16th, when 1·59 inches was registered. October was the wettest month, when 5·73 inches were recorded, and February the driest, when only 0·68 of an inch fell.

Population and Housing.—During the decennial period 1891–1901 a decrease of 929 persons in the district took place. Assuming that this rate of decrease has continued, it is calculated that the population at the middle of the year 1909 will be 6,382.

Eight plans were passed under the Building Bye-Laws and four houses erected during the year. Two houses were closed as being unfit for occupation, five were reported as being overcrowded, five as dirty and three as dilapidated. The difficulty of

finding good wholesome dwellings for the working classes still continues. Some cottages in use are old and more or less dilapidated, but it is impossible to find others for the inhabitants to move into.

Sanitary Work.—The Sanitary Inspector, Mr. W. Strickland, reports the inspection of 550 premises during the year, fifty of which were detailed inspections. Twelve complaints were received and ninety nuisances were discovered. The principal of these being :—

House Drains	6
Cowsheds	17
Bakehouses	8
Deficient or Polluted Water Supplies	8
Foul or Dilapidated Houses ...	8
Overcrowded Houses	5

In two cases formal notices were served, but in no case was it necessary to take legal proceedings. Twelve premises were disinfected after infectious disease.

Sewerage and Water Supply. — The district is unsewered and no part of it has any public supply of water ; wells are the chief source of supply and the water is on the whole of a satisfactory degree of purity. Seven samples were taken in the course of the year for analysis, four of which were condemned. Twenty new supplies were furnished from wells and three from the mains.

Cowsheds, Dairies, etc.—The following premises were inspected during the year :—

Cowsheds	74
Dairies	20
Milkshops	24
Slaughterhouses	4
Bakehouses	24
Piggeries	20

These on the whole were found to be well kept, and in the few cases where nuisances were found to exist they were remedied by the owners or occupiers concerned.

Factory and Workshop Act, 1901.—Six factories and forty workshops were inspected during the year, seven nuisances in regard to cleanliness were discovered and subsequently abated, also one breach of the special sanitary requirements for bakehouses.

Notifiable Infections Diseases.—The following table gives the number of cases notified during the year compared with 1908 :—

	1908.	1909.
Diphtheria ...	13 ...	13
Erysipelas ...	4 ...	3
Tuberculosis ...	— ...	3
	17	19

Diphtheria —The number of cases notified is the same as last year. The cases occurred mostly at Crofton and Great Bedwyn in the early part of the year and at one time considerable alarm was caused by the fear of an epidemic, owing however to the stringent precautions adopted, and by closing the schools, the outbreak was speedily controlled. No death was registered as occurring from this disease.

Tuberculosis.—Tuberculosis appears for the first time this year as a notifiable disease. Its notification is however limited to "poor persons," as defined by the Local Government Board, or inmates of a Poor Law Institution. Three cases were so notified.

Non-notifiable Infectious Diseases.—

Measles.—There were very few cases of this disease during the year, and no death was registered.

Whooping Cough.—One death occurred in February, but at no time was the disease prevalent in the district.

Chicken Pox.—This disease was practically non-existent in the district during the year.

Influenza.—Five deaths were registered from this disease in the first quarter of the year, but at no time did it assume an epidemic form.

Vital Statistics.—The number of births registered in the district during the year was 148—M. 74, F. 74, and the deaths 83—M. 36, F. 47, recorded as under :—

1st Quarter	..	...	...	31
2nd ,,	...	...	...	22
3rd ,,	...	...	...	15
4th ,,	...	...	...	15

To the above total have to be added the deaths of nine residents dying in public institutions outside the district, making the corrected number of deaths 92. The birth and death statistics and rates per 1,000 of the estimated population are :—

	Males.	Females.	Total.	Rate per 1,000.
Births ...	74	74	148	23·1
Deaths ...	41	51	92	14·4

Five deaths were due to influenza, seven to cancer, and ten to pneumonia, whilst heart diseases were fatal to thirteen, apoplexy to five and phthisis to two.

Infantile Mortality.—From Table V. it will be observed that eleven infants died in their first year, and of these four were born prematurely, one died from whooping cough and three from pulmonary inflammations. The rate of mortality per 1,000 registered births is eighty-one.

The rates per 1,000 of the estimated population for the following causes of death are :—

Influenza	0.78	Pneumonia ...	1 57
Phthisis	0.31	Heart Diseases ...	2·05
Cancer	1·10	Apoplexy ...	0·88

RAMSBURY RURAL SANITARY DISTRICT.

TABLE I.

Vital Statistics of Whole District during 1909 and Previous Years.

Institutions within District receiving sick and infirm "Non-residents" :—Nil

Institutions outside District receiving sick and infirm "Residents" from it :—
Union House, Hungerford ; County Asylum, Moulsford ; and Royal Berks Hospital, Reading.

Year.	Population estimated to Middle of each Year.	Births.		Total Deaths Registered in the District.				Total Deaths in Public Institutions in the District.	Deaths of Non-residents registered in Public Institutions in the District.	Deaths of Residents registered in Public Institutions beyond the District.	Nett Deaths at all Ages belonging to the District.	
				Under 1 Year of Age.		At all Ages.						
		Number.	Rate.*	Number.	Rate per 1,000 Births registered.	Number.	Rate.*				Number.	Rate.*
1	2	3	4	5	6	7	8	9	10	11	12	13
1899	7,312	196	26·8	26	133	102	13·9	nil.	nil.	9	111	15·2
1900	7,219	186	25·8	12	64	116	16·1	,,	,,	14	130	18·0
1901	7,126	185	25·9	21	113	103	14·4	,,	,,	10	113	15·9
1902	7,033	175	24·9	21	120	103	14·6	,,	,,	7	110	15·6
1903	6,940	159	22·9	15	94	107	15·4	,,	,,	8	115	16·9
1904	6,847	159	23·2	13	94	105	15·3	,,	,,	13	118	17·2
1905	6,754	179	26·5	18	101	99	14·7	,,	,,	10	109	16·1
1906	6,661	173	25·9	10	92	70	10·9	,,	,,	11	81	12·2
1907	6,568	170	25·9	19	112	94	14·3	,,	,,	12	106	16·1
1908	6,475	158	24·4	13	82	108	16·6	,,	,,	13	121	18·6
Averages for years 1899-1908	6,893	174	25·2	16	100	100	14·6	,,	,,	10	111	16·1
1909	6,282	148	23·1	11	81	83	13·0	,,	,,	9	92	14·4

* Rates in Columns 4, 8 and 13 calculated per 1,000 of estimated population.

At Census of 1901 : Area of District in acres (exclusive of area covered by water) 51,471 ; Total population at all ages, 7,094 ; Number of inhabited houses, 1,747 ; Average number of persons per house, 4·6.

TABLE III.

Cases of Infectious Disease notified during the Year 1909.

Notifiable Disease.	Cases notified in whole district.							No. of cases removed to hospital from each locality.
	At all Ages.	At Ages—Years.						
		Under 1.	1 to 5.	5 to 15.	15 to 25.	25 to 65.	65 and upwards.	
Small-pox	...	...	...	...	...	...	...	...
Cholera	...	...	...	...	...	...	...	...
Diphtheria and Membranous croup ...	13	...	4	6	2	1	...	...
Erysipelas	3	...	...	...	...	3	...	...
Scarlet fever	...	...	...	...	...	...	...	...
Typhus fever	...	...	...	...	...	...	...	...
Enteric fever	...	...	...	...	...	...	...	...
Relapsing fever ...	...	...	...	...	...	...	...	...
Continued fever ...	...	...	...	...	...	...	...	...
Puerperal fever ...	...	...	...	...	...	...	...	...
Plague	...	...	...	...	...	...	...	...
Tuberculosis	3	...	...	...	...	3	...	...
Totals	19	...	4	6	2	7	...	...

Isolation Hospital : None in the District.

RAMSBURY RURAL SANITARY DISTRICT.

TABLE IV.

Causes of, and Ages at, Death during Year 1909.

Causes of Death.	All ages.	Under 1.	1 & under 5.	5 & under 15.	15 & und. 25.	25 & und. 45.	45 & und. 65.	65 & upwards.	Deaths in Public Institutions.
No. of Persons living in District at Census 1901	7,094	163	636	1606	1054	1657	1266	712	
	Deaths in or belonging to whole District at subjoined Ages.								
1	2	3	4	5	6	7A	7B	8	
Small-pox	...	...	...	...	...	...	...	...	Not any Public Institution in the District.
Measles	...	...	...	...	...	...	...	...	
Scarlet fever	...	...	...	...	...	...	...	...	
Whooping-cough...	1	1	...	...	...	...	...	...	
Diphtheria and membranous croup	...	...	...	...	...	...	...	...	
Croup	...	...	...	...	...	...	...	...	
Fever { Typhus	...	...	...	...	...	...	...	...	
Fever { Enteric	...	...	...	...	...	...	...	...	
Fever { Other continued	...	...	...	...	...	...	...	...	
Epidemic influenza	5	2	...	...	...	...	...	3	
Cholera	...	...	...	...	...	...	...	...	
Plague	...	..	...	...	...	...	...	...	
Diarrhœa	...	...	...	...	...	...	...	...	
Enteritis	2	...	...	...	...	...	...	2	
Puerperal fever	...	...	...	...	..	...	...	...	
Erysipelas	...	...	...	...	...	...	...	...	
Other septic diseases	...	...	...	...	...	...	...	...	
Acute rheumatism	...	...	...	...	...	...	...	...	
Phthisis	2	...	...	...	...	2	...	...	
Other tubercular diseases	...	...	...	...	...	...	...	...	
Cancer, malignant disease	7	...	...	...	...	...	2	5	
Bronchitis	8	...	1	...	...	...	...	7	
Pneumonia	10	1	...	...	1	1	4	3	
Pleurisy	1	...	...	...	...	...	1	...	
Other diseases of Respiratory organs	...	...	...	...	...	...	...	...	
Alcoholism, Cirrhosis of liver	...	...	...	...	...	...	...	...	
Venereal diseases	...	...	...	...	...	...	...	...	
Premature birth	5	5	...	...	...	...	...	...	
Diseases and accidents parturition	...	...	...	...	...	...	...	...	
Heart diseases	13	...	...	...	...	1	2	10	
Other diseases of circulating system	...	...	...	...	...	...	...	...	
Accidents	3	...	...	...	..	1	1	1	
Suicides	1	...	...	...	...	...	1	...	
Apoplexy and cerebral hemorrhage	5	...	...	...	...	...	1	4	
Other diseases of brain and nervous system ...	6	...	1	1	...	...	1	3	
Diseases of digestive system } not tubercular or cancerous.	2	...	...	...	...	...	2	...	
Hepatic diseases ... ... } not tubercular or cancerous.	...	...	...	...	...	...	...	...	
Renal diseases ... ... } not tubercular or cancerous.	2	...	..	...	...	1	1	...	
Rheumatism, gout, and rheumatoid arthritis ...	...	...	...		...	...	...	...	
Developmental diseases under 5 years of age...	...	...	...	...	...	...	...	...	
Old age and decay	14	...	...	...	...	...	...	14	
All other causes	5	3	...	...	...	...	2	...	
All causes	M. 41 | F. 51 = 92	12	2	1	1	6	18	52	...

RAMSBURY RURAL SANITARY DISTRICT.

TABLE V.

Infantile Mortality in 1909 from Stated Causes in Weeks and Months under One Year of Age.

	CAUSE OF DEATH.	Under 1 Week.	1-2 Weeks.	2-3 Weeks.	3-4 Weeks.	Total under 1 Month.	1-2 Months.	2-3 Months.	3-4 Months.	4-5 Months.	5-6 Months.	6-7 Months.	7-8 Months.	8-9 Months.	9-10 Months.	10-11 Months.	11-12 Months.	Total Deaths under One Year.
All Causes	Certified	7	...	...	1	8	...	2	...	...	1	...	...	...	...	...	...	11
	Uncertified	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Common Infectious Diseases	Small-pox	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Chicken-pox	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Measles	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Scarlet Fever	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Diphtheria: Croup	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Whooping Cough	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	1
Diarrhœal Diseases	Diarrhœa, all forms	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Enteritis (not Tubercular)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Gastritis, Gastro intestinal Catarrh	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Wasting Diseases	Premature Birth	4	...	...	...	4	...	...	...	...	...	...	...	...	...	...	...	4
	Congenital Defects	1	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	1
	Injury at Birth	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Want of Breast-milk	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Atrophy, Debility, Marasmus	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	1
Tubercular Diseases	Tubercular Meningitis	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Tubercular Peritonitis: Tabes Mesenterica	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Other Tubercular Diseases	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Erysipelas	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Syphilis	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Rickets	...	...	...	...	...		...	...	...	...	...	...	...	...	...	...	...
	Meningitis (not Tubercular)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Convulsions	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Bronchitis	...	...	...	1	1	...	...	...	...	...	...	...	...	...	...	...	1
	Laryngitis	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Pneumonia	1	...	...	...	1	...	1	...	...	...	...	...	...	...	...	...	2
	Suffocation, overlaying	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Other Causes	1	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	1
		7	...	...	1	8	...	2	...	...	1	...	...	...	...	...	...	11

Births in the year { legitimate . 137, illegitimate 11 } Registered deaths from all Causes at all Ages (Nett Deaths 92) } 83 Population to middle of 1909 } 6,382

Registered Deaths in the year of { legitimate infants ... 9, illegitimate infants ... 2

Abingdon Rural Sanitary District.

STATISTICAL DETAILS OF CENSUS, 1901.

Area of District	42,210 acres
Land, 42,000 acres. Water, 210 acres.	
Population	8,370
Males, 4,044. Females, 4,326.	
Occupied Houses	1,924
Average number of persons per house 4·5.	

Geological Character.—That greater part of the district is on different members of the cretaceous system, the upper and middle oolite and the upper cretaceous predominating. North and South Hinkseys are however on the Oxford clay, and the strip running parallel to the rivers Thames and Ock is on the alluvium and drift gravels.

Meteorological Observations.—The total rainfall recorded for the year was 27·75 inches. The driest month of the year was February and the wettest October. The greatest rainfall recorded in twenty-four hours was on August 17th, when two inches were registered. Although the total fall exceeded the average rainfall of the past ten years by about two inches at no time did a state of flood exist; the highest point the river Thames reached was 5 inches above head water mark on October 26th at Sandford Lock and 2 feet 5 inches on October 29th at Clifton Hampden.

Population and Housing.—The population of the district estimated to the middle of the year 1909 is 7,685. This estimation is based on the fact that during the decennial period 1891–1901 the annual decrease was ninety-one, and it is assumed for statistical purposes that this rate of decrease has continued, as building has been progressing during the last four years, and 225 new houses have been built since 1901, this estimation is obviously too low and needs revision. As however 1911 will be census year it is better to wait until this is taken.

Four houses were closed as unfit for habitation, and five overcrowded, thirteen dirty, and fifty-six dilapidated houses were reported. Twenty-seven plans were passed under the Building Bye-Laws and thirty-one new houses built. In the early part of the year a communication was received from the National Housing Reform Association calling attention to the condition of the houses of the working classes in certain villages in the district. A detailed inspection of the villages was made and a report has already been laid before you dealing with the matter. On the whole the dwellings in the district are now in a satisfactory sanitary condition and compare favourably with agricultural districts which I have visited for the purpose of comparison in other parts of England.

Water Supply and Sewerage.—Steventon, Milton and Fyfield have public supplies of water, and during the year a supply has been laid on at Wytham, where some of the wells were found to be polluted. Nineteen certificates of water supply were granted and eighteen new supplies laid on, fourteen being from wells and four from the mains. A new main was laid to supply the village of Wooton. Four samples of water were submitted to analysis and one condemned.

Sanitary Work.—The Sanitary Inspector, Mr. T. B. Warren, reports having visited 276 premises during the year and having made 210 detailed inspections. Nineteen complaints were

received and 161 nuisances discovered. The principal of these being :—

Privies	10
House Drains	9
Swine	11
Cowsheds	8
Bakehouses	4
Foul or Dilapidated Houses ...	69
Foul Streams or Ditches ...	9
Polluted Water Supplies ...	5

Nuisances were abated in 103 different premises. In sixty-seven cases formal notices were served and in one case it was necessary to institute legal proceedings, when a conviction was obtained.

Twenty-four premises were disinfected after infectious disease.

Cowsheds, Dairies, etc.— The following premises were inspected during the year :—

Cowsheds	8
Dairies	4
Slaughterhouse	1
Bakehouses	25
Piggeries	35

In some of these defects were found and subsequently remedied.

Factory and Workshop Act, 1901.—Three factories, two workshops and five workplaces were inspected during the year, and in two cases written notices were served. Thirty-two out-workers' houses were also visited, one defect was reported and remedied. In all other cases the premises were found to be well kept and in accordance with the Act.

Isolation Hospital. — Thirty-nine cases of infectious diseases were treated in the hospital of the Joint Board, twenty-one of these being diphtheria and eighteen scarlet fever.

Notifiable Infectious Diseases.—The following table gives the number of infectious diseases notified during the year, as compared with 1908 :—

	1908.	1909.
Scarlet Fever	34 ...	19
Diphtheria	9 ...	21
Erysipelas	4 ...	1
Puerperal Fever	— ...	1
Enteric Fever	15 ...	—
Tuberculosis	— ...	2
	62	44

Scarlet Fever.—A small outbreak of this disease occurred at Radley in June, when thirteen cases were notified. The disease was of a mild character, and no death was registered.

Diphtheria.—This disease was prevalent at Kennington Radley in the summer months, when seventeen cases were notified, one of which died, and it was necessary to close the schools for the remainder of the term. Two cases occurred in the month of October, one of which proved fatal.

Tuberculosis.—This appears for the first time this year as a notifiable disease. The notification is however confined to "poor persons," as defined by the Local Government Board, or inmates of a Poor Law Institution. Two cases were so notified during the year.

Non-Notifiable Infectious Diseases.—

Measles.—Very few cases occurred and no deaths were registered from this disease in 1909.

Chicken Pox.—This complaint was almost entirely absent from the district.

Whooping Cough.—Several cases occurred at Kingston Bagpuize in November and it was thought necessary to close the schools for a time.

Vital Statistics.—The number of births registered in the district during the year was 177—M. 81, F. 96, and the deaths 93—M. 47, F. 46, recorded during the several quarters of the year, as under :—

1st Quarter	...	...	...	32
2nd ,,	...	...	...	24
3rd ,,	...	...	...	17
4th ,,	...	...	...	20

To these numbers have to be added the deaths of thirty persons occurring in public institutions outside the district, and who were previously residents of it, thus making the corrected number of deaths 123—M. 66, F. 57.

The birth and death statistics and rates per 1,000 of the estimated population are :—

	Males.	Females.	Total.	Rate per 1,000.
Births	81	96	177	23·0
Deaths	66	57	123	16·0

Diphtheria was fatal to two, influenza to five, phthisis to six, and cancer to nine, whilst twelve persons died from bronchitis, five from pneumonia, thirteen from heart diseases, and twenty-eight from old age.

Infantile Mortality.—Twelve infants were registered as dying in their first year, giving a rate per 1,000 births of 67. Three were born prematurely, five died from debility, and two from convulsions.

The following are the rates per 1,000 of the estimated population for the principal causes of death :—

Diphtheria ...	0·26	Heart Diseases ...	1·69
Phthisis	0·78	Apoplexy	0·52
Cancer	1·17	Developmental Diseases	
Bronchitis ...	1·56	under five years ...	0 39
Pneumonia ...	0·65		

ABINGDON RURAL SANITARY DISTRICT.

TABLE I.

Vital Statistics of Whole District during 1909 and Previous Years.

Institutions within District receiving sick and infirm "Non-residents":—
Joint Isolation Hospital, Marcham Road.

Institutions outside District receiving sick and infirm "Residents" from it:—
Union House, Abingdon; Cottage Hospital, Abingdon; County Asylum, Moulsford; Radcliffe Infirmary, Oxford; and Royal Berks Hospital, Reading.

Year.	Population estimated to Middle of each Year.	Births.		Total Deaths Registered in the District.				Total Deaths in Public Institutions in the District.	Deaths of Non-residents registered in Public Institutions in the District.	Deaths of Residents registered in Public Institutions beyond the District.	Nett Deaths at all Ages belonging to the District.	
				Under 1 Year of Age.		At all Ages.						
		Number.	Rate.*	Number.	Rate per 1,000 Births registered.	Number.	Rate.*				Number.	Rate.*
1	2	3	4	5	6	7	8	9	10	11	12	13
1899	8,595	179	20·8	21	117	123	14·3	nil.	nil.	12	135	15·7
1900	8,504	182	21·4	23	126	126	14·8	"	"	13	139	16·3
1901	8,413	203	24·1	16	78	100	11·9	1	"	10	110	13·1
1902	8,322	192	23·1	15	78	109	13·1	nil.	"	8	117	14·1
1903	8,231	184	22·3	8	43	88	10·7	2	1	18	105	12·7
1904	8,140	194	23·8	12	62	86	10·6	nil.	nil.	13	99	12·2
1905	8,049	220	27·3	18	82	125	15·5	3	3	16	138	17·0
1906	7,958	179	22·5	16	89	107	13·4	2	...	24	131	16·5
1907	7,867	207	26·3	21	101	103	13·1	2	...	19	122	15·5
1908	7,776	200	25·7	20	100	94	12·0	2	...	17	111	14·2
Averages for years 1899-1908	8,185	194	23·7	17	87	105	12·9	1	0·4	15	120	14·7
1909	**7,685**	**177**	**23·0**	**12**	**67**	**93**	**12·1**	**1**	...	**30**	**123**	**16·0**

* Rates in Columns 4, 8 and 13 calculated per 1,000 of estimated population.

At Census of 1901: Area of District in acres (including 210 covered by water) 42,210; Total population at all ages, 8,370; Number of inhabited houses, 1,942; Average number of persons per house, 4·3.

TABLE III.

Cases of Infectious Disease notified during the Year 1909.

Notifiable Disease.	Cases notified in whole district.							No. of cases removed to hospital from each locality.
	At all Ages.	At Ages—Years.						
		Under 1.	1 to 5.	5 to 15.	15 to 25.	25 to 65.	65 and upwards.	
Small-pox	...	...	...	...	...	...	...	...
Cholera	...	...	...	...	...	...	...	...
Diphtheria and Membranous croup ...	21	...	2	14	2	2	...	21
Erysipelas	1	...	...	...	...	1	...	...
Scarlet fever	19	1	3	14	...	1	...	18
Typhus fever	...	...	...	...	...	...	...	...
Enteric fever	...	...	...	...	...	...	...	...
Relapsing fever ...	...	...	...	...	...	...	...	...
Continued fever ...	...	...	...	...	...	...	...	...
Puerperal fever ...	1	...	...	...	...	1	...	...
Plague	...	...	...	...	...	...	...	...
Tuberculosis	2	...	...	1	...	1	...	...
Totals	**44**	**1**	**5**	**29**	**2**	**6**	...	**39**

Isolation Hospital: Joint Hospital for Abingdon Rural and Urban Districts in Marcham Road.

ABINGDON RURAL SANITARY DISTRICT.

TABLE IV.

Causes of, and Ages at, Death during Year 1909.

Causes of Death.	All ages.	Under 1.	1 & under 5.	5 & under 15.	15 & und. 25.	25 & und. 45.	45 & und. 65.	65 & upwards.	Deaths in Public Institutions.
No. of Persons living in District at Census 1901	8,370	184	759	1879	1403	2040	1481	622	
	Deaths in or belonging to whole District at subjoined Ages.								
1	2	3	4	5	6	7A	7B	8	
Small-pox	...	...	...	...	...	...	...	...	...
Measles	...	...	...	...	...	...	...	...	...
Scarlet fever	...	...	...	...	...	...	...	...	...
Whooping-cough...	...	...	...	...	...	...	...	...	...
Diphtheria and membranous croup	2	...	...	...	2	...	...	...	1
Croup	...	...	...	...	...	...	...	...	...
Fever { Typhus	...	...	...	...	...	...	...	...	...
Fever { Enteric	...	...	...	...	...	...	...	...	...
Fever { Other continued	...	...	...	...	...	...	...	...	...
Epidemic influenza	5	...	...	...	...	...	...	5	...
Cholera	...	...	...	...	...	...	...	...	...
Plague	...	..	...	...	...	...	...	...	...
Diarrhœa	...	...	...	...	...	...	...	...	...
Enteritis	...	...	...	...	...	...	...	...	...
Puerperal fever	...	...	...	...	...	...	...	...	...
Erysipelas	...	...	...	...	...	...	...	...	...
Other septic diseases	...	...	...	...	...	...	...	...	...
Acute rheumatism	...	...	...	...	...	...	...	...	...
Phthisis	6	...	...	...	1	3	2	...	...
Other tubercular diseases	1	...	...	1	...	...	...	...	...
Cancer, malignant disease	9	...	...	...	...	...	5	4	...
Bronchitis	12	...	...	...	...	1	3	8	...
Pneumonia	5	...	1	...	...	...	1	3	...
Pleurisy	...	...	...	...	...	...	...	...	...
Other diseases of Respiratory organs	...	...	...	...	...	...	...	...	...
Alcoholism, Cirrhosis of liver	2	...	...	...	...	...	2	...	...
Venereal diseases	1	...	...	...	...	1	...	...	...
Premature birth	3	3	...	...	...	...	...	...	...
Diseases and accidents parturition	...	...	...	...	...	...	...	...	...
Heart diseases	13	...	...	1	1	1	5	5	...
Other diseases of circulating system	2	...	...	...	...	...	2	...	...
Accidents	5	...	...	1	1	2	...	1	...
Suicides	...	...	...	...	...	...	...	...	...
Apoplexy and cerebral hemorrhage	4	...	...	...	1	...	...	3	...
Other diseases of brain and nervous system ...	7	...	...	...	1	2	1	3	...
Diseases of digestive system } not tubercular or cancerous.	...	...	...	...	...	...	...	...	...
Hepatic diseases ... ... } not tubercular or cancerous.	...	...	...	...	...	...	...	...	...
Renal diseases ... ... } not tubercular or cancerous.	3	...	...	...	1	...	...	2	...
Rheumatism, gout, and rheumatoid arthritis ...	...	...	...	...	...	...	...	...	...
Developmental diseases under 5 years of age...	3	2	1	...	...	...	...	...	...
Old age and decay	28	...	...	...	...	...	...	28	...
All other causes	12	7	...	...	...	1	1	3	...
	M. 66 | F. 57								
All causes	123	12	2	3	8	11	22	65	1

ABINGDON RURAL SANITARY DISTRICT.

TABLE V.

Infantile Mortality in 1909 from Stated Causes in Weeks and Months under One Year of Age.

	CAUSE OF DEATH.	Under 1 Week.	1 - 2 Weeks.	2 - 3 Weeks.	3 - 4 Weeks.	Total under 1 Month.	1 - 2 Months.	2 - 3 Months.	3 - 4 Months.	4 - 5 Months.	5 - 6 Months.	6 - 7 Months.	7 - 8 Months.	8 - 9 Months.	9 - 10 Months.	10 - 11 Months.	11 - 12 Months.	Total Deaths under One Year.
All Causes	Certified	6	...	1	...	7	...	...	1	...	3	1	...	...	...	...	...	12
	Uncertified	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Common Infectious Diseases	Small-pox	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Chicken-pox	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	..
	Measles	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Scarlet Fever	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Diphtheria: Croup	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Whooping Cough	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Diarrhœal Diseases	Diarrhœa, all forms	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Enteritis (not Tubercular)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Gastritis, Gastro-intestinal Catarrh	...	...	...	..	...	...	...	...	...	...	...	...	...	...	...	...	...
Wasting Diseases	Premature Birth	3	...	...	...	3	...	...	...	..	...	...	...	...	.	...	.	3
	Congenital Defects	1	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	1
	Injury at Birth	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Want of Breast-milk	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Atrophy, Debility, Marasmus	1	...	1	..	2	..	...	...	..	2	1	...	...	...	...	...	5
Tubercular Diseases	Tubercular Meningitis	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Tubercular Peritonitis: Tabes Mesenterica	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Other Tubercular Diseases	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Erysipelas	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Syphilis	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Rickets	...	...	...	...	...	..	...	...	...	...	...	...	...	...	...	...	...
	Meningitis (not Tubercular)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Convulsions	...	...	...	...	...	...	...	1	...	1	...	...	...	...	...	...	2
	Bronchitis	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Laryngitis	...	...	...	...	...	..	...	...	...	...	...	...	...	...	...	...	...
	Pneumonia	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Suffocation, overlaying	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Other Causes	1	...	...	...	1	..	...	...	...	...	...	...	...	...	...	...	1
		6	...	1	...	7	...	...	1	...	3	1	...	...	...	...	...	12

Births in the year { legitimate . 169, illegitimate 8 } Registered deaths from all Causes at all Ages (Nett Deaths 123) } 93 Population to middle of 1909 } 7,685

Registered Deaths in the year of { legitimate infants ... 9, illegitimate infants ... 3

Culham Rural Sanitary District.

STATISTICAL DETAILS OF CENSUS, 1901.

Area of District	12,346 acres
Land, 12,141 acres. Inland Water, 205 acres.	
Population	2,421
Males, 1,185. Females, 1,236.	
Occupied Houses	569
Average number of persons per house 4·2.	

Geological Character. — At Sandford-on-Thames, the district is on the calcareous grit followed to the South by the Kimmeridge clay and the lower green sand to Clifton Hampden. At Marsh Baldon the gault is found, and all three formations are to be found at Culham.

Meteorological Observations.—The total rainfall for the year was 26·83 inches, as against 23·99 inches for 1908, being rather more than an inch above the average for the district. Rain fell on 195 days. The greatest amount of rain registered in twenty-four hours was August 17th when 1·65 inches were recorded. The great absence of sunshine was a remarkable feature of the year. At no time did the river Thames reach a state of flood in the year 1909.

Population and Housing.—The decennial period 1891–1901 showed an annual decrease in the population of the district of twenty-seven persons. Assuming this decrease to be still continuing, the population calculated to the middle of the year 1909 is 2,223.

Four new houses were erected during the year, and three cases of overcrowding reported.

Sanitary Work.—Mr. Tompkins, the Sanitary Inspector, reports having visited fifty-nine premises during the year and having made seven detailed inspections. Five complaints were received and fifteen nuisances discovered. The principal of these being :—

House Drains	2
Slaughterhouses	1
Bakehouses	6
Polluted Water Supply	1
Overcrowded Houses	3

These were subsequently abated. Formal notices were served in two cases, but in no instance was it necessary to institute legal proceedings.

Cowsheds, Dairies, etc.—The following premises were inspected during the year :—

Cowsheds	15
Slaughterhouses	1
Bakehouses	7
Canal Boats	6

In a few cases nuisances were detected and remedied.

Factory and Workshop Act, 1901.—Two factories and eighteen outworkers' premises were inspected, all of which were found to be clean and well kept and in accordance with the Act.

Sewerage and Water Supply.—The whole of the district is unsewered. The water supply is mainly from wells. Two samples of water were submitted to analysis, one of which was condemned. Two certificates of water supply were granted, and one new supply furnished.

Isolation Hospital.—The District Isolation Hospital at Clifton Hampden has now been closed, pauper cases of infectious illness are now being sent to the hospital of the Abingdon Joint Hospital Board.

Notifiable Infectious Diseases.—The following table gives the number of cases of infectious diseases occurring in 1909, as compared with the preceding year :—

	1908.	1909.
Scarlet Fever ...	7 ...	2
Diphtheria	2 ...	—
	9	2

It is a matter of congratulation to observe that infectious disease has been practically non-existent in the district during the year 1909.

Tuberculosis.—This appears for the first time as a notifiable disease. The notification is however limited to "poor persons," as defined by the Local Government Board, or inmates of a Poor Law Institution. No cases were so notified during the year.

Non-Notifiable Infectious Diseases.—

Measles.—This disease was not prevalent during the year, and no deaths were registered.

Whooping Cough.—Very few cases occurred, and no fatal case was recorded in 1909.

Chicken Pox.—At no time during the year did any outbreak of this disease occur.

Influenza.—One death was registered as occurring from this disease in the month of January, but it was not present to any extent in the year.

Vital Statistics.—The number of births registered in the year was 49—M. 25, F. 24, and the deaths 23—M. 13, F. 10, recorded in the several quarters as under :—

1st Quarter	6
2nd ,, ...	8
3rd ,, ...	3
4th ,, ...	6

Cancer was fatal to three, phthisis to one, and heart diseases to four.

The birth and death statistics and rates per 1,000 of the estimated population are :—

		Males.	Females.	Total.	Rate per 1,000.
Births	...	25	24	49	22·0
Deaths	...	13	10	23	10·3

Infantile Mortality.—From Table V. it will be seen that three deaths of infants under one year were reported, giving a rate per 1,000 of the registered births of 61. One death was from debility, one from pneumonia and one from heatstroke.

The following are the rates for the principal causes of death per 1,000 of the estimated population :—

Influenza ...	...	0·44	Heart Diseases	...	1·79
Phthisis ...	...	0·44	Apoplexy...	...	1·34
Cancer ...	...	1·34	Pneumonia	...	0·44

CULHAM RURAL SANITARY DISTRICT.

TABLE I.

Vital Statistics of Whole District during 1909 and Previous Years.

Institutions within District receiving sick and infirm "Non-residents":—Nil.

Institutions outside District receiving sick and infirm "Residents" from it:—
Union House, Abingdon; Cottage Hospital, Abingdon; County Asylum, Littlemore, Oxon; and Royal Berks Hospital, Reading.

Year.	Population estimated to Middle of each Year.	Births.		Total Deaths Registered in the District.				Total Deaths in Public Institutions in the District.	Deaths of Non-residents registered in Public Institutions in the District.	Deaths of Residents registered in Public Institutions beyond the District.	Nett Deaths at all Ages belonging to the District.	
				Under 1 Year of Age.		At all Ages.						
		Number.	Rate.*	Number.	Rate per 1,000 Births registered.	Number.	Rate.*				Number.	Rate.*
1	2	3	4	5	6	7	8	9	10	11	12	13
1899	2,400	69	27·7	9	130	39	15·7	nil.	nil.	3	42	16·9
1900	2,463	63	25·6	6	95	34	13·8	"	"	8	42	17·0
1901	2,439	50	20·5	4	80	35	14·4	"	"	9	44	18·1
1902	2,412	64	26·5	2	31	27	11·2	"	"	4	31	12·8
1903	2,385	56	23·4	3	53	30	12·6	"	"	5	35	14·7
1904	2,358	62	26·3	9	145	24	10·2	"	"	3	27	11·4
1905	2,331	50	21·4	6	120	30	12·8	"	"	7	37	15·9
1906	2,304	55	23·8	5	91	24	10·4	"	"	1	25	10·5
1907	2,277	53	23·3	2	38	17	7·5	"	"	2	19	8·3
1908	2,250	49	21·7	5	102	26	11·5	"	"	2	28	12·4
Averages for years 1899-1908	2,370	57	24·0	5	88	28	12·0	"	"	4	33	13·8
1909	**2,223**	**49**	**22·0**	**3**	**61**	**23**	**10·3**	"	"	...	**23**	**10·3**

* Rates in Columns 4, 8 and 13 calculated per 1,000 of estimated population.

At Census of 1901: Area of District in acres (including 205 covered by water) 12,346; Total population at all ages, 2,421; Number of inhabited houses, 569; Average number of persons per house, 4·2.

TABLE III,

Cases of Infectious Diseases notified during the Year 1909.

Notifiable Disease.	Cases notified in whole district.								No. of cases removed to hospital from each locality.
	At all Ages.	At Ages—Years.							
		Under 1.	1 to 5.	5 to 15.	15 to 25.	25 to 65.	65 and upwards.		
Small-pox	...	...	...	...	...	...	...		...
Cholera	...	...	...	...	...	...	...		...
Diphtheria and Membranous croup ...	...	...	...	...	...	...	...		...
Erysipelas	...	...	...	...	...	...	...		...
Scarlet fever	2	...	...	1	1	...	...		...
Typhus fever	...	...	...	...	...	...	...		...
Enteric fever	...	...	...	...	...	...	...		...
Relapsing fever ...	...	...	...	...	...	...	...		...
Continued fever ...	...	...	...	...	...	...	...		...
Puerperal fever ...	...	...	...	...	...	...	...		...
Plague	...	...	...	...	...	...	...		...
Tuberculosis	...	...	...	...	...	...	...		...
Totals	2	...	...	1	1	...	...		...

CULHAM RURAL SANITARY DISTRICT.

TABLE IV.

Causes of, and Ages at, Death during Year 1909.

Causes of Death.	All ages.	Under 1.	1 & under 5.	5 & under 15.	15 & und. 25.	25 & und. 45.	45 & und. 65.	65 & upwards.	Deaths in Public Institutions.
No. of Persons living in District at Census 1901	2,421	56	228	555	396	614	397	175	
	Deaths in or belonging to whole District at subjoined Ages.								
1	2	3	4	5	6	7A	7B	8	
Small-pox	...	...	...	...	...	...	...	...	...
Measles	...	...	...	...	...	...	...	...	...
Scarlet fever	...	...	...	...	...	...	...	...	...
Whooping-cough	...	...	...	...	...	...	...	...	...
Diphtheria and membranous croup	...	...	...	...	...	...	...	...	...
Croup	...	...	...	...	...	...	...	...	...
Fever — Typhus	...	...	...	...	...	...	...	...	...
Fever — Enteric	...	...	...	...	...	...	...	...	...
Fever — Other continued...	...	...	...	...	...	...	...	...	...
Epidemic influenza	1	...	...	...	...	...	1	...	...
Cholera	...	...	...	...	...	...	...	...	...
Plague	...	...	...	...	...	...	...	...	...
Diarrhœa	...	...	...	...	...	...	...	...	...
Enteritis	...	...	...	...	...	...	...	...	...
Puerperal fever	...	...	...	...	...	...	...	...	...
Erysipelas	...	...	...	..	...	...	...	...	...
Other septic diseases	...	...	...	...	...	...	...	...	...
Acute rheumatism	...	...	...	...	...	...	...	...	...
Phthisis	1	...	...	1	...	...	...	...	...
Other tubercular diseases	1	...	...	...	1	...	...	...	...
Cancer, malignant disease	3	...	...	...	...	...	2	1	...
Bronchitis	...	...	...	...	...	...	...	...	...
Pneumonia	1	1	...	...	...	...	...	...	...
Pleurisy	...	...	...	...	...	...	...	...	...
Other diseases of Respiratory organs	1	...	...	...	...	...	...	1	...
Alcoholism, Cirrhosis of liver	...	...	...	...	...	...	...	...	...
Venereal diseases	...	...	...	...	...	...	...	...	...
Premature birth	...	...	...	...	...	...	...	...	...
Diseases and accidents parturition	...	...	...	...	...	...	...	...	...
Heart diseases	4	...	...	...	1	...	1	2	...
Other diseases of circulating system	...	...	...	...	...	...	...	...	...
Accidents	1	...	...	...	...	...	1	...	...
Suicides	...	...	...	...	...	...	...	...	...
Apoplexy and cerebral hemorrhage	3	...	...	...	...	...	1	2	...
Other diseases of brain and nervous system ...	1	...	...	...	...	1	...	...	...
Diseases of digestive system (not tubercular or cancerous)	...	...	...	...	...	...	...	...	...
Hepatic diseases ... ... (not tubercular or cancerous)	...	...	...	...	...	...	...	...	...
Renal diseases ... ... (not tubercular or cancerous)	...	...	...	...	...	...	...	...	...
Rheumatism, gout, and rheumatoid arthritis...	...	...	...	...	...	...	...	...	...
Developmental diseases under 5 years of age ...	...	...	...	...	...	...	...	...	...
Old age and decay	1	...	...	...	...	...	...	1	...
All other causes	5	2	1	...	...	...	1	1	...
All causes	M. 10 / F. 13 = 23	3	1	1	2	1	7	8	...

CULHAM RURAL SANITARY DISTRICT.

TABLE V.

Infantile Mortality in 1909 from Stated Causes in Weeks and Months under One Year of Age.

	CAUSE OF DEATH.	Under 1 Week.	1-2 Weeks.	2-3 Weeks.	3-4 Weeks.	Total under 1 Month.	1-2 Months.	2-3 Months.	3-4 Months.	4-5 Months.	5-6 Months.	6-7 Months.	7-8 Months.	8-9 Months.	9-10 Months.	10-11 Months.	11-12 Months.	Total Deaths under One Year.
All Causes	Certified	...	...	...	...	...	1	...	...	...	...	1	...	...	...	...	...	2
	Uncertified	1	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	1
Common Infectious Diseases	Small-pox	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Chicken-pox	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Measles	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Scarlet Fever	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Diphtheria: Croup	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Whooping Cough	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Diarrhœal Diseases	Diarrhœa, all forms	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Enteritis (not Tubercular) ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Gastritis, Gastro-intestinal Catarrh	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Wasting Diseases	Premature Birth	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Congenital Defects	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Injury at Birth	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Want of Breast-milk	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Atrophy, Debility, Marasmus.	1	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	1
Tubercular Diseases	Tubercular Meningitis ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Tubercular Peritonitis: Tabes Mesenterica	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Other Tubercular Diseases .	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Erysipelas	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Syphilis	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Rickets	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Meningitis (not Tubercular) ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Convulsions	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Bronchitis	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Laryngitis	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Pneumonia	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	1
	Suffocation, overlaying ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Other Causes	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	1
		1	...	...	...	1	1	...	...	...	...	1	...	...	...	...	...	3

Births in the year { legitimate . 46, illegitimate 3 } Registered Deaths from all Causes at all Ages (Nett Deaths 23) 23 Population to middle of 1909 2,223

Registered Deaths in the year of { legitimate infants ... 3, illegitimate infants ... ... }

Abingdon Urban Sanitary District.

STATISTICAL DETAILS OF CENSUS, 1901.

Area of District ... ... 728 acres.
Land, 701 acres. Inland Water, 27 acres.

Population 6,480
Males, 3,044. Females, 3,436.
Inmates of the workhouse belonging to the Rural Districts of Abingdon and Culham, as well as to the Borough, numbered 129.

Occupied Houses 1,440
Average number of persons per house 4·5.

Geological Character.—To the north of Ock Street a belt of Kimmeridge clay exists. The remaining parts of the district lie on the alluvium and river drift gravels.

Meteorological Observations.—The total rainfall for the year was 27·25 inches. The wettest month in the year was October and the driest February. The largest rainfall observed in the district in twenty-four hours was on August 17th, when 2·09 inches were registered. Although the rainfall for the year was above the average for the Thames Valley, at no time did a state of flood exist, and there was no rise of the river above head water mark, summer level, recorded at Abingdon during the twelve months. This shews the success of the improved methods employed by the Thames Conservancy in dealing with flood water.

Population and Housing.—The estimated population to the middle of the year 1909 is 6,309. This estimation is based on the assumption that the decrease noted in the decennial period

1891–1901 has continued. Nineteen new houses have been built during the year and plans for eleven more passed under the Building Bye-Laws. This makes an increase in new houses of 115 since 1901, and the probability is that the decrease above noted is not continuing; as, however, the Census will be taken again next year the estimation as calculated heretofore will be used for statistical purposes. Five dilapidated houses were reported during the year.

Sewerage and Scavenging.—The extension of the sewers to the Hamlet of North Court has now been completed. The sewage disposal works have been visited during the year by the Medical Officer of Health and were found to be working satisfactorily and without nuisance. Public scavenging is carried out efficiently by the Municipality. It would be a great gain to the health of the town if the better cleansing of many of the courts could be effected. A great number of these places are inhabited by people who are careless in their methods of dealing with refuse, &c., and it would be to the public benefit and in the interests of sanitation if the officials of the Authority undertook the collection of refuse in the courts of the town.

Water Supply.—Seventy-five yards of water main were laid in the Oxford Road. The water supplied to the town is of good quality. During the Autumn an accidental pollution was discovered by analysis. This was promptly and completely remedied and has not recurred.

Sanitary Work.—The Sanitary Inspector, Mr. G. Winship, reports the inspection of 139 premises during the year and having discovered eleven nuisances, these being :—

Blocked Sewers	2
House Drains	1
Swine	1
Bakehouses	1
Foul or Dilapidated Houses ...	6

Six premises were disinfected after infectious disease.

Milkshops, Bakehouses, &c.—The following premises were inspected :—

Cowsheds	2
Milkshops and Dairies	8
Slaughterhouses	6
Bakehouses	15
Canal Boats	34
Common Lodging Houses ...	1

These were in nearly every case found to be clean and well kept, and any defect noted was remedied by the owner or occupier concerned.

Factory and Workshop Act, 1901.—The registered workshops in the district consists of :—

Bakehouses	15
Laundries	1
Other Trades	22
	38

These were all inspected and found to be kept in accordance with the Act. One hundred and twenty-eight outworkers' premises were visited, and in eleven cases notices were served, which were subsequently complied with.

Notifiable Infectious Diseases.—The following table gives the number of cases notified during the year, as compared with 1908 :—

	1908.	1909.
Scarlet Fever ...	8 ...	2
Diphtheria	8 ...	2
Enteric Fever ...	2 ...	—
Erysipelas	2 ...	7
Puerperal Fever ...	1 ...	2
Tuberculosis ...	0 ...	3
	21	16

Scarlet Fever.—This disease was not prevalent during the year, only two cases being notified.

Diphtheria.—Two cases were notified in July and August, one in each month.

Tuberculosis.—This disease appears for the first time as a notifiable complaint. The notification is however limited to "poor persons," as defined by the Local Government Board, or inmates of a Poor Law Institution. Three cases were so notified in the course of the year.

Non-Notifiable Infectious Diseases.—

Measles.—This disease was prevalent in summer, and three deaths were registered in June and one in July.

Whooping Cough.—No epidemic of this disease occurred during the year, and no death was registered.

Chicken Pox.—This disease was not prevalent to any extent in the year.

Influenza.—At no time in the year did this disease attain epidemic proportions, one death only was registered, this occurred in March.

Isolation Hospital.—The Joint Hospital was inspected by the Medical Officer of Health on several occasions during the year, and was always found to be well kept and efficiently administered. Only four cases were admitted from the Borough, two of diphtheria, and two of scarlet fever, all of which recovered.

Vital Statistics.—The number of births registered in the district in the year was 144—M. 81, F. 63, and the number of deaths 129—M. 59, F. 70, recorded during the several quarters of the year as under :—

1st Quarter	...	...	...	51
2nd "	...	...	...	32
3rd "	...	...	...	23
4th "	...	...	...	23

Thirty-eight deaths occurred in public institutions, and of these twenty-five were non-residents. These have to be deducted for

the purpose of arriving at the correct number of deaths to be allocated to the district, whilst the deaths of two residents dying in institutions without the district have to be added, thus making the correct number of deaths 106.

The birth and death statistics and rates per 1,000 of the estimated population are :—

		Males.	Females.	Total.	Rate per 1,000.
Births	...	81	63	144	22·8
Deaths	...	45	61	106	16·7

Of the number of deaths, four were due to measles, nine to phthisis, eleven to cancer, whilst bronchitis was fatal to sixteen, heart diseases to eight, and apoplexy to four.

Infantile Mortality.—From Table V. it will be seen that fourteen deaths of infants in their first year was recorded, and of these three died from measles, three from bronchitis, whilst three were born prematurely.

The rates per 1,000 for the principal causes of death are :—

Measles	...	0·63	Pneumonia	... ...	0·47
Influenza	...	0·15	Heart Diseases ...	...	1·26
Phthisis	...	1·42	Developmental Diseases under five years	...	0·47
Cancer	...	1·73			
Bronchitis	...	2·52			

ABINGDON URBAN SANITARY DISTRICT.

TABLE I.

Vital Statistics of Whole District during 1909 and Previous Years.

Institutions within District receiving sick and infirm "Non-residents":—
Union House and Cottage Hospital.

Institutions outside District receiving sick and infirm "Residents" from it:—
Isolation Hospital, Marsham Road; County Asylum, Moulsford; the Radcliffe Infirmary, Oxford; and Royal Berks Hospital, Reading.

Year.	Population estimated to Middle of each Year.	Births.		Total Deaths Registered in the District.				Total Deaths in Public Institutions in the District.	Deaths of Non-residents registered in Public Institutions in the District.	Deaths of Residents registered in Public Institutions beyond the District.	Nett Deaths at all Ages belonging to the District.	
				Under 1 Year of Age.		At all Ages.						
		Number.	Rate.*	Number.	Rate per 1,000 Births registered.	Number.	Rate.*				Number.	Rate.*
1	2	3	4	5	6	7	8	9	10	11	12	13
1899	6,417	174	27·2	29	167	123	19·2	29	13	3	113	17·7
1900	6,409	151	23·6	17	113	130	20·3	31	18	5	117	18·3
1901	6,401	158	24·8	18	114	100	15·7	22	16	4	88	13·7
1902	6,394	152	23·8	17	112	106	16·6	22	11	3	98	15·4
1903	6,386	173	27·1	16	92	124	16·3	35	18	5	91	14·1
1904	6,379	157	27·1	13	83	85	13·3	20	12	5	78	12·1
1905	6,365	151	23·7	11	73	97	15·2	29	16	6	87	13·6
1906	6,351	146	22·9	20	137	103	16·2	26	19	8	93	14·6
1907	6,337	149	24·9	14	94	103	16·2	27	15	2	90	14·2
1908	6,323	169	26·7	14	82	100	15.8	29	12	4	92	14·5
Averages for years 1899-1908	6,376	158	25·3	16	107	107	16·4	27	15	4	94	14·8
1909	6,309	141	22·8	14	97	129	20·4	38	25	2	106	16·7

* Rates in Columns 4, 8 and 13 calculated per 1,000 of estimated population.

At Census of 1901: Area of District in acres (including 27 covered by water) 728; Total population at all ages, 6,480; Number of inhabited houses, 1,440; Average number of persons per house, 4·5.

TABLE III.

Cases of Infectious Disease notified during the Year 1909.

Notifiable Disease.	Cases notified in whole district.							No. of cases removed to hospital from each locality.
	At all Ages.	At Ages—Years.						
		Under 1.	1 to 5.	5 to 15.	15 to 25.	25 to 65.	65 and upwards.	
Small-pox	...	...	...	...	...	...	...	...
Cholera	...	...	...	...	...	...	...	...
Diphtheria and Membranous croup ...	2	...	...	...	1	1	...	2
Erysipelas	7	...	...	1	1	5	...	...
Scarlet fever	2	...	1	...	1	...	...	2
Typhus fever	...	...	...	...	...	...	...	...
Enteric fever	...	...	...	...	...	...	...	...
Relapsing fever ...	...	...	...	...	...	...	...	...
Continued fever ..	...	...	...	...	...	...	...	...
Puerperal fever ...	2	...	...	...	1	1	...	...
Plague	...	..	...	...	...	...	...	...
Tuberculosis	3	...	...	...	1	2	...	...
Totals	16	...	1	1	5	9	...	4

Isolation Hospital: Joint Hospital for Abingdon Rural and Urban Districts in Marsham Road.

ABINGDON URBAN SANITARY DISTRICT.

TABLE IV.

Causes of, and Ages at, Death during Year 1909.

Causes of Death.	All ages.	Under 1.	1 & under 5.	5 & under 15.	15 & und. 25.	25 & und. 45.	45 & und. 65.	65 & upwards.	Deaths in Public Institutions.
No. of Persons living in District at Census 1901	6,480	148	530	1460	1183	1632	1065	462	
	Deaths in or belonging to whole District at subjoined Ages.								
1	2	3	4	5	6	7A	7B	8	
Small-pox	...	...	...	...	...	...	...	...	...
Measles	4	3	1	...	...	...	...	...	...
Scarlet fever	...	...	...	...	...	...	...	...	...
Whooping-cough	...	...	...	...	...	...	...	...	...
Diphtheria and membranous croup	...	...	...	...	...	...	...	...	...
Croup	...	...	...	...	...	...	...	...	...
Fever: Typhus	...	...	...	...	...	...	...	...	...
Fever: Enteric	...	...	...	...	...	...	...	...	...
Fever: Other continued	...	...	...	...	...	...	...	...	...
Epidemic influenza	1	..	...	...	...	...	...	1	4
Cholera	...	...	...	...	...	...	...	...	...
Plague	...	..	...	...	...	...	...	...	...
Diarrhœa	1	1	...	...	...	...	...	...	...
Enteritis	...	...	...	...	...	...	...	...	...
Puerperal fever	...	...	...	...	..	...	...	...	...
Erysipelas	...	...	...	...	...	...	...	...	...
Other septic diseases	...	...	...	...	...	...	...	...	...
Acute rheumatism	...	...	...	...	...	...	...	...	...
Phthisis	9	...	...	...	1	6	2	...	1
Other tubercular diseases	...	...	...	...	...	...	...	...	...
Cancer, malignant disease	11	...	...	...	...	1	5	5	...
Bronchitis	16	3	2	...	...	...	1	10	5
Pneumonia	3	...	...	...	...	...	1	2	1
Pleurisy	...	...	...	...	...	...	...	...	...
Other diseases of Respiratory organs	...	...	...	...	...	...	...	...	...
Alcoholism, Cirrhosis of liver	2	...	...	...	...	...	1	1	...
Venereal diseases	...	...	...	...	...	...	...	...	1
Premature birth	3	3	...	...	...	...	...	...	...
Diseases and accidents parturition	1	...	...	...	1	...	...	...	...
Heart diseases	8	...	...	...	...	1	1	6	2
Other diseases of circulating system	...	...	...	...	...	...	...	...	...
Accidents	2	...	2	...	...	...	...	...	1
Suicides	...	...	...	...	...	...	...	...	...
Apoplexy and cerebral hemorrhage	4	...	...	...	...	...	...	4	...
Other diseases of brain and nervous system	...	...	...	...	...	...	...	...	3
Diseases of digestive system (not tubercular or cancerous.)	3	...	...	...	1	...	1	1	...
Hepatic diseases (not tubercular or cancerous.)	...	...	...	...	...	...	...	...	...
Renal diseases (not tubercular or cancerous.)	4	...	...	...	...	...	2	2	2
Rheumatism, gout, and rheumatoid arthritis	2	...	...	...	...	...	...	2	...
Developmental diseases under 5 years of age	3	3	...	...	...	...	...	...	...
Old age and decay	26	...	...	...	...	...	...	26	17
All other causes	3	1	...	...	...	2	...	...	1
All causes	M. 45 / F. 61 = 106	14	5	...	3	10	14	60	38

ABINGDON URBAN SANITARY DISTRICT.

TABLE V.

Infantile Mortality in 1909 from Stated Causes in Weeks and Months under One Year of Age.

	CAUSE OF DEATH.	Under 1 Week.	1 - 2 Weeks.	2 - 3 Weeks.	3 - 4 Weeks.	Total under 1 Month.	1 - 2 Months.	2 - 3 Months.	3 - 4 Months.	4 - 5 Months.	5 - 6 Months.	6 - 7 Months.	7 - 8 Months.	8 - 9 Months.	9 - 10 Months.	10 - 11 Months.	11 - 12 Months.	Total Deaths under One Year.
All Causes	Certified	1	3	...	...	4	2	1	2	1	2	...	...	...	1	1	...	14
	Uncertified	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Common Infectious Diseases	Small-pox	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Chicken-pox	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	..
	Measles	...	...	...	...	...	...	...	...	...	1	...	...	...	1	1	...	3
	Scarlet Fever	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Diphtheria : Croup	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Whooping Cough	...	...	...	...	..	...	...	...	...	...	...	...	...	...	...	...	...
Diarrhœal Diseases	Diarrhœa, all forms	...	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Enteritis (not Tubercular) ...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	..	1
	Gastritis, Gastro-intestinal Catarrh	...	...	...	..	...	...	...	...	...	...	...	...	...	...	...	...	...
Wasting Diseases	Premature Birth	1	2	...	...	3	...	...	...	...	...	...	...	..	.	...	.	3
	Congenital Defects	...	...	...	...	.	...	...	...	...	...	...	...	...	...	...	...	...
	Injury at Birth	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Want of Breast-milk	...	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Atrophy, Debility, Marasmus	..	1	...	..	1	..	...	...	..	1	...	...	...	...	...	...	2
Tubercular Diseases	Tubercular Meningitis ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Tubercular Peritonitis : Tabes Mesenterica	...	...	...	..	...	...	...	...	...	...	...	...	...	...	..	...	...
	Other Tubercular Diseases	...	...	...	...	..	...	...	...	...	...	...	...	...	...	...	...	...
	Erysipelas	...	...	...	..	..	...	...	...	...	...	...	...	...	...	...	...	...
	Syphilis	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Rickets	...	...	...	...	...	..	...	...	...	...	...	...	..	...	..	...	...
	Meningitis (not Tubercular)	...	...	...	...	.	1	...	...	...	...	...	...	...	...	...	...	1
	Convulsions	...	...	...	...	..	...	...	...	1	...	...	...	...	..	...	...	1
	Bronchitis	...	...	...	...	...	1	1	1	...	...	...	...	...	...	...	...	3
	Laryngitis	...	...	...	...	..	..	...	...	...	...	..	...	...	...	...	...	...
	Pneumonia	...	..	...	...	...	...	...	...	...	...	..	...	...	...	...	...	...
	Suffocation, overlaying ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Other Causes	..	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		1	3	...	...	4	2	1	2	1	2	...	...	...	1	1	...	14

Births in the year { legitimate . 131, illegitimate 13 } Registered deaths from all Causes at all Ages (Nett Deaths 106) } 129 Population to middle of 1909 } 6,309

Registered Deaths in the year of { legitimate infants ... 13, illegitimate infants ... 1 }

Wallingford Rural Sanitary District.

STATISTICAL DETAILS OF CENSUS, 1901.

Area of District	22,152 acres
Of which 97 are Inland Water.	
Population	6,204
Inhabited Houses	1,272
Uninhabited Houses	94

Density of occupation, 4·3 persons per house, one to 4·3 acres.

Geological Character.—That portion of the district comprising the parishes of Aston Tirrold, Hagbourne, Moreton and Cholsey are situate on the upper green sand. Moulsford lies on the chalk. That part of the district running parallel to the river Thames lies on the river drift gravels.

Meteorological Observations.—The greatest rainfall registered in twenty-four hours was on August 18th, when 1·48 inches fell. The wettest month of the year was June, when 4·47 inches was recorded, and the driest January, with a total rainfall of only 0·45 of an inch. The total rainfall for the year was 25·91 inches. At no time during the year did anything approaching a state of flood exist in the river Thames.

Housing and Population.—Between the years 1891–1901 the mean annual decrease in the general population was 48·9. Assuming that this decrease is still continuing, the population for the middle of the year 1909 will be 5,223. During the year, however, forty-four plans have been passed under the

Building Bye-Laws, and thirty new houses have been erected, against twenty-five last year, and there has been a steady increase during the last few years. It is probable that the above estimate is rather too low.

Sewerage and Water Supply.—Didcot and part of East Hagbourne is the only portion of the district which is sewered. A Local Government Board enquiry was held at Didcot School on 19th March, 1909, with a view to determine the necessity or otherwise of an extension to the existing sewage disposal works. The application to raise a loan for this purpose has since been granted and the Council have secured another six acres adjoining the present area and are advertising for tenders for the work, which will be on the broad irrigation system. An extension of the sewer up to Harwell Road has been made during the year.

Didcot and North Hagbourne have an excellent public water supply. The remainder of the district depend upon wells. Three samples were taken for analysis, of which two were condemned. Thirty new supplies were furnished, eight being from wells and twenty-two from the mains.

Sanitary Work.—Mr. Lay, the Sanitary Inspector, reports the inspection of 1,180 premises during the year, 191 of which were detailed inspections. During the twelve months three complaints were received and 126 nuisances were discovered. The principal of these being :—

Privies, Water Closets & Earth Closets	50
House Drains	18
Swine	18
Polluted Water Supplies	2
Overcrowded or Dirty Houses ...	7
Foul Ditches	8

Nuisances were abated on 115 different premises, six formal notices were served, but in no case was it necessary to institute legal proceedings. Thirty-five premises were disinfected after infectious diseases. Twenty-six water-closets and thirty earth closets were provided.

Cowsheds, Dairies, etc.—The following premises were inspected during the year :—

Cowsheds	49
Dairies	30
Slaughterhouses	3
Bakehouses	11
Piggeries	63
Canal Boats	2

In some of which nuisances were discovered to exist and were subsequently abated.

Factory and Workshop Act, 1901.—There are no factories in the district. Twelve workshops, eleven of which were bakehouses, were inspected during the year, in one case a nuisance was discovered and afterwards rectified. All the others were found to be clean, well kept and in accordance with the Act.

Notifiable Infectious Diseases.—The following table shows the cases of infectious diseases notified during the year compared with 1908 :—

	1908.	1909.
Scarlatina ...	8 ...	21
Diphtheria ...	54 ...	15
Erysipelas ...	— ...	2
Enteric Fever ...	2 ...	3
Puerperal Fever ...	— ...	1
Tuberculosis ...	— ...	1
	64	43

Scarlet Fever.—A considerable increase in number of cases has occurred during the year, as compared with 1908. The number of infected houses was small. The largest number of cases was notified in the months of February and December.

Diphtheria.—A considerable diminution has taken place in the number of cases notified this year. The principal outbreak was in April, and the cases were all in the same locality, the old

workhouse, Cholsey, and doubtless the infection came from the town of Wallingford, where the disease was very prevalent at the time.

Enteric Fever.—Three cases were recorded during the year, all of which were inmates of the Berkshire Asylum.

Tuberculosis.—For the first time tuberculosis appears as a notifiable disease, but its notification is confined to "poor persons," as defined by the Local Government Board, or inmates of a Poor Law Institution. Only one case was so notified during the year.

Non-notifiable Infectious Diseases.—

Measles.—The district has been very free of this disease during the year, and no death was recorded.

Chicken Pox.—This disease was almost entirely absent in 1909, and no death from it was registered.

Influenza.—In the early part of the year this disease was somewhat prevalent, and three deaths were recorded. The cases were sporadic in character and at no time was there anything of the nature of an "outbreak."

Isolation Hospital.—The Medical Officer of Health visited the hospital on several occasions during the year and is pleased to report that he always found it clean, well kept and thoroughly efficient.

Vital Statistics.—The number of births registered in the district during the year was 159—M. 83, F. 76, and the number of deaths 140—M. 77, F. 63, recorded during the several quarters of the year as under :—

1st Quarter	...	...	...	44
2nd ,,	...	...	...	41
3rd ,,	...	...	...	20
4th ,,	...	...	...	35

Seventy of these deaths occurred in the Berkshire County Asylum (all of them being of persons who previously resided in other districts) and two at the Isolation Hospital. The former have to be deducted from the year's total, and the deaths of

eighteen persons, who belonged to the district but who died in public institutions beyond, have to be added, making the corrected number of deaths eighty-eight—M. 48, F. 40. The birth and death statistics for the year and the rates per 1,000 of the estimated population are :—

	Males.	Females.	Total.	Rate per 1,000.
Births	83	76	159	30·4
Nett Deaths ...	48	40	88	16·8

It will be noticed from Table I. that the birth rate is the highest for the past ten years.

Three deaths were recorded from diphtheria, three from influenza and five from tubercular diseases, whilst cancer accounted for twelve, bronchitis for ten and heart diseases for fourteen.

Infantile Mortality.—The number of infants dying in their first year was six, of whom two died from congenital defects, one from gastro-enteritis and one from rickets. The rate per 1,000 births is the low one of 37.

The rates per 1,000 of the estimated population for the following causes of death were :—

Diphtheria ...	0·57	Bronchitis ...	1·91
Influenza	0·57	Heart Diseases ...	2·77
Phthisis	0·76	Apoplexy	1·33
Cancer	2·29	Old Age	1·33

WALLINGFORD RURAL SANITARY DISTRICT.

TABLE I.

Vital Statistics of Whole District during 1909 and Previous Years.

Institutions within District receiving sick and infirm "Non-residents":—
County Asylum, Moulsford.

Institutions outside District receiving sick and infirm "Residents" from it:—
Union House, Wallingford; Cottage Hospital, Wallingford; and Royal Berks Hospital, Reading.

Year.	Population estimated to Middle of each Year.	Births.		Total Deaths Registered in the District.				Total Deaths in Public Institutions in the District.	Deaths of Non-residents registered in Public Institutions in the District.	Deaths of Residents registered in Public Institutions beyond the District.	Nett Deaths at all Ages belonging to the District.	
				Under 1 Year of Age.		At all Ages.						
		Number.	Rate.*	Number.	Rate per 1,000 Births registered.	Number.	Rate.*				Number.	Rate.*
1	2	3	4	5	6	7	8	9	10	11	12	13
1899	5,718	143	25·0	15	105	134	23·4	65	63	5	76	13·3
1900	5,667	126	22·2	8	64	143	22·8	85	84	10	69	12·2
1901	5,616	161	28·7	7	43	138	22·0	81	80	6	64	11·4
1902	5,567	143	27·7	14	100	159	25·6	80	75	6	90	16·2
1903	5,518	146	26·5	13	89	121	19·6	62	59	14	75	13·6
1904	5,468	126	22·8	8	64	135	22·1	78	78	6	63	11·5
1905	5,419	160	29·3	17	106	138	22·5	68	65	23	96	17·7
1906	5,370	140	26·1	10	71	144	26·8	78	78	10	76	14·1
1907	5,321	141	26·4	8	56	142	26·7	67	67	12	87	16·3
1908	5,272	144	27·3	10	69	120	22·7	69	67	24	77	14·6
Averages for years 1899-1908	5,493	143	26·3	11	76	137	23·4	73	71	11	77	14·0
1909	5,223	159	30·4	6	37	140	26·8	72	70	18	88	16·8

* Rates in Columns 4, 8 and 13 calculated per 1,000 of estimated population.

At Census of 1901: Area of District in acres (exclusive of area covered by water) 22,055; Total population at all ages, 6,204; Number of inhabited houses, 1,272; Average number of persons per house, 4·9.

TABLE III.

Cases of Infectious Disease notified during the Year 1909.

Notifiable Disease.	Cases notified in whole district.							No. of cases removed to hospital from each locality.
	At all Ages.	At Ages—Years.						
		Under 1.	1 to 5.	5 to 15.	15 to 25	25 to 65.	65 and upwards.	
Small-pox	...	...	...	...	...	...	...	...
Cholera	...	...	...	...	...	...	...	...
Diphtheria and Membranous croup ...	15	...	3	11	...	1	...	3
Erysipelas	2	...	...	...	...	2	...	...
Scarlet fever	21	...	4	12	5	...	...	8
Typhus fever	...	...	...	...	...	...	...	...
Enteric fever	3	...	...	...	...	2	1	...
Relapsing fever ...	...	...	...	...	...	...	...	...
Continued fever ...	...	...	...	...	...	...	...	...
Puerperal fever ...	1	...	...	...	...	1	...	...
Plague	...	...	...	...	...	...	...	...
Tuberculosis	1	...	...	1	...	...	...	...
Totals	43	...	7	24	5	6	1	11†

† Isolation Hospital of the Joint Hospital Board, Wallingford.

WALLINGFORD RURAL SANITARY DISTRICT.

TABLE IV.

Causes of, and Ages at, Death during Year 1909.

Causes of Death.	All ages.	Under 1.	1 & under 5.	5 & under 15.	15 & und. 25.	25 & und. 45.	45 & und. 65.	65 & upwards.	Deaths in Public Institutions.
No. of Persons living in District at Census 1901	6,204†	102	480	1208	956	620	1294	499	
	Deaths in or belonging to whole District at subjoined Ages.								
1	2	3	4	5	6	7A	7B	8	
Small-pox	...	...	...	...	...	...	...	...	...
Measles	...	...	...	...	...	...	...	...	...
Scarlet fever	...	...	...	...	...	...	...	...	2
Whooping-cough	...	...	...	...	...	...	...	...	...
Diphtheria and membranous croup	3	...	...	3	...	...	...	...	4
Croup	...	...	...	...	...	...	...	...	...
Fever: Typhus	...	...	...	...	...	...	...	...	...
Fever: Enteric	...	...	...	...	...	...	...	...	...
Fever: Other continued	...	...	...	...	...	...	...	...	...
Epidemic influenza	3	...	...	...	...	...	1	2	...
Cholera	...	...	...	...	...	...	...	...	...
Plague	...	...	...	...	...	...	...	...	...
Diarrhœa	1	1	...	...	...	...	...	...	1
Enteritis	1	...	...	...	...	...	...	1	...
Puerperal fever	...	...	...	...	...	...	...	...	...
Erysipelas	...	...	...	...	...	...	...	...	...
Other septic diseases	1	...	...	...	...	...	...	1	1
Acute rheumatism	...	...	...	...	...	...	...	...	...
Phthisis	4	...	...	1	1	1	...	1	14
Other tubercular diseases	1	...	...	...	1	...	...	...	...
Cancer, malignant disease	12	...	...	...	...	2	3	7	2
Bronchitis	10	1	1	...	...	...	...	8	...
Pneumonia	2	...	...	...	...	...	1	1	4
Pleurisy	...	...	...	...	...	...	...	...	...
Other diseases of Respiratory organs	...	...	...	...	...	...	...	...	...
Alcoholism, Cirrhosis of liver	1	...	...	...	...	...	...	1	...
Venereal diseases	...	...	...	...	...	...	...	...	...
Premature birth	...	...	...	...	...	...	...	...	...
Diseases and accidents parturition	...	...	...	...	...	...	...	...	...
Heart diseases	14	...	...	...	...	1	6	7	4
Other diseases of circulating system	1	...	...	...	...	...	...	1	...
Accidents	4	...	...	...	1	1	...	2	...
Suicides	...	...	...	...	...	...	...	...	...
Apoplexy and cerebral hemorrhage	7	...	...	...	...	...	...	7	...
Other diseases of brain and nervous system	1	...	...	...	1	...	...	...	2
Diseases of digestive system (not tubercular or cancerous)	4	...	1	...	...	2	...	1	...
Hepatic diseases (not tubercular or cancerous)	...	...	...	...	...	...	...	...	...
Renal diseases (not tubercular or cancerous)	3	...	...	...	...	1	1	1	...
Rheumatism, gout, and rheumatoid arthritis	...	...	...	...	...	...	...	...	...
Developmental diseases under 5 years of age	1	1	...	...	...	...	...	...	...
Old age and decay	7	...	...	...	...	...	...	7	18
All other causes	7	5	...	...	...	...	1	1	1
All causes (M. 48, F. 40)	88	8	2	4	4	8	13	49	72

† Of this number 646 are "special" inmates of the County Lunatic Asylum, and they are excluded from the estimates in Table I. (except in Columns 7 and 8) as are also Deaths in the Asylum in Table IV., Columns 2 to 8 inclusive.

WALLINGFORD RURAL SANITARY DISTRICT.

TABLE V.

Infantile Mortality in 1909 from Stated Causes in Weeks and Months under One Year of Age.

	CAUSE OF DEATH.	Under 1 Week.	1-2 Weeks.	2-3 Weeks.	3-4 Weeks.	Total under 1 Month.	1-2 Months.	2-3 Months.	3-4 Months.	4-5 Months.	5-6 Months.	6-7 Months.	7-8 Months.	8-9 Months.	9-10 Months.	10-11 Months.	11-12 Months.	Total Deaths under One Year.
All Causes	Certified	...	1	...	...	1	2	1	...	...	...	...	...	...	1	...	...	5
	Uncertified	1	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	1
Common Infectious Diseases	Small-pox	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	.
	Chicken-pox	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	..
	Measles	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Scarlet Fever	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Diphtheria: Croup	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Whooping Cough	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Diarrhœal Diseases	Diarrhœa, all forms	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Enteritis (not Tubercular)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Gastritis, Gastro-intestinal Catarrh	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	1
Wasting Diseases	Premature Birth	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Congenital Defects	...	1	...	...	1	1	...	...	...	...	...	...	...	...	...	...	2
	Injury at Birth	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Want of Breast-milk	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Atrophy, Debility, Marasmus	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Tubercular Diseases	Tubercular Meningitis	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Tubercular Peritonitis: Tabes Mesenterica	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Other Tubercular Diseases	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Erysipelas	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Syphilis	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Rickets	...	...	...	...	...		...	...	...	...	...	...	...	1	...	...	1
	Meningitis (not Tubercular)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Convulsions	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	1
	Bronchitis	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Laryngitis	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Pneumonia	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Suffocation, overlaying	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Other Causes	1	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	1
		1	1	...	...	2	2	1	...	...	...	...	...	...	1	...	.	6

Births in the year { legitimate . 154, illegitimate 5 } Registered deaths from all Causes at all Ages 140 Population to middle of 1909 5,223
including 70 (non-residents) in County Asylum.
(Nett Deaths 88)

Registered Deaths in the year of { legitimate infants ... 6, illegitimate infants ... ... }

Crowmarsh Rural Sanitary District.

STATISTICAL DETAILS OF THE CENSUS OF 1901.

Area of District	20,164 acres
Inclusive of 145 of inland water.	
Inhabited Houses	1,134
Unoccupied Houses	135
Population	4,774
Males, 2,331. Females, 2,443.	

Giving a density of population of 4·2 persons per house and about one person to every 4½ acres.

Geological Character.—The parishes of Warborough, Dorchester, Berrick and Newington are situate on the gault. Parts of Crowmarsh, Benson and Newington are on the upper green sand. The remaining portions of these parishes, together with Ewelme and North and South Stoke, are on the chalk. The narrow strip running parallel to the rivers Thame and Thames consists of the river drift gravel.

Meteorological Observations.—The greatest rainfall recorded in twenty-four hours was on August 17th, when 1·50 inches of rain fell. The wettest month was June with a fall of 4·45 inches, the driest, February, when barely half an inch was registered. The total rainfall for the year was 26·80 inches. At no time in the year did the river Thames overflow its banks.

Population and Housing.—The estimated population of the district to the middle of the year 1909 is 4,519. This is calculated on the assumption that the decrease noticed in the decennial period 1891–1901 has continued. Seven plans have been passed under the Building Bye-Laws and eleven new houses have been erected. Thirteen cases of overcrowded houses were reported. Twenty-six dirty and twenty dilapidated houses were dealt with and remedied.

Sewerage and Water Supply.—No portion of the district is sewered. The eastern part is supplied by the South Oxfordshire Water Company where nine new supplies have been provided from the mains. This will do much to improve the condition of parts of the village of Woodcote mentioned in the Report for 1908. The remainder of the district depends on wells or rain water tanks for its supply. Three samples were taken for analysis, of which one was condemned.

Sanitary Work.—The Sanitary Inspector, Mr. A. G. Gray, reports that he visited 523 premises during the year, of which fifty were detailed inspections. Ten complaints were received and 176 nuisances discovered. The principal of these being :—

Privies and Earth Closets	71
Drains	10
Pigs	18
Cowsheds	2
Overcrowded Houses	13
Foul or Dilapidated Houses ...	46

Nuisances were abated on 170 different premises. Three formal notices were served, but in no case was it necessary to institute legal proceedings. Thirty-one premises were disinfected after infectious diseases.

Cowsheds, Dairies, etc.—The following premises were inspected during the year :—

Cowsheds	15
Dairies	13
Slaughterhouses	3
Bakehouses	9
Piggeries	45
Canal Boats	12

These were mostly found to be kept in a satisfactory condition and any defects found were subsequently remedied.

Workshop and Factory Act, 1901.—There are no factories in the district. Ten workshops and nine workplaces

were inspected. One nuisance (want of limewashing) was discovered and a notice served which was complied with.

Notifiable Infectious Diseases.—The following table gives the number of cases of infectious diseases notified in the year as compared with 1908 :—

		1908		1909
Scarlet Fever	...	22	...	22
Diphtheria	...	11	...	8
Erysipelas	...	1	...	1
Enteric Fever	...	—	...	3
Tuberculosis	...	—	...	—
		34	...	34

Scarlet Fever.—Eleven cases occurred in the first quarter of the year. The attacks were mostly of a very mild type and no deaths were registered from this disease during the year.

Diphtheria.—Only eight cases were notified, of these four occurred in the month of January. In no case did a fatal termination ensue.

Enteric Fever.—Three cases were notified of this disease, two at Benson in September and one at Warborough in August. No connection between these cases could be traced. Two deaths were registered. Owing to the stringent precautions adopted the attacks were confined to the persons first notified.

Tuberculosis.—This is shewn for the first time this year as a notifiable disease, but its notification is limited to "poor persons," as defined by the Local Government Board, or inmates of a Poor Law Institution. No case was so notified in the district during the year.

Non-Notifiable Infectious Diseases.—

Measles.—Very few cases of this disease occurred in the the year. No death was registered.

Chicken Pox.—Only a very few persons suffered from this disease and at no time was there anything approaching an epidemic.

Influenza.—This disease was prevalent in the early part of the year and nine deaths were recorded, six of which were registered in the first three months.

The district was not visited by any disease of an epidemic character in 1909, and at no time was it necessary to interfere with education by closing the elementary schools on this account.

Vital Statistics.—The number of births registered during the year was 119—M. 62, F. 57, and the number of deaths 63—M. 31, F. 32, recorded in the several quarters as under :—

1st Quarter	20
2nd ,, ...	18
3rd ,, ...	8
4th ,, ...	17

The birth and death statistics and rates per 1,000 of the estimated population are :—

	Males.	Females.	Total.	Rate per 1,000.
Births	62	57	119	26·3
Deaths	31	32	63	13·9

Of the number of deaths recorded, two were from enteric fever, nine from influenza and six from phthisis, whilst bronchitis accounted for nine, pneumonia for five and heart diseases for thirteen.

Infantile Mortality.—The number of infants dying in their first year, as shewn in Table V., was nine, and of these four were born prematurely.

The rates per 1,000 of the estimated population for the undermentioned causes of death were :—

Enteric Fever ...	0·44	Bronchitis ...	1·98
Influenza	1·98	Developmental Diseases under five years	0·22
Phthisis	1·32		
Cancer	0·44		

CROWMARSH RURAL SANITARY DISTRICT.

TABLE I.

Vital Statistics of Whole District during 1909 and Previous Years.

Institutions within District receiving sick and infirm "Non-residents":—Nil.

Institutions outside District receiving sick and infirm "Residents" from it:—
County Asylum, Littlemore, Oxon; Union House, Wallingford; Cottage Hospital, Wallingford; and Royal Berks Hospital, Reading.

Year.	Population estimated to Middle of each Year.	Births.		Total Deaths Registered in the District.				Total Deaths in Public Institutions in the District.	Deaths of Non-residents registered in Public Institutions in the District.	Deaths of Residents registered in Public Institutions beyond the District.	Nett Deaths at all Ages belonging to the District.	
				Under 1 Year of Age.		At all Ages.						
		Number.	Rate.*	Number.	Rate per 1,000 births registered.	Number.	Rate.*				Number.	Rate.*
1	2	3	4	5	6	7	8	9	10	11	12	13
1899	4,899	117	23·9	17	145	77	15·7	nil.	nil.	7	84	17·1
1900	4,861	120	24·7	11	92	61	12·5	"	"	7	68	14·0
1901	4,823	122	25·3	10	82	71	14·7	"	"	11	82	17·0
1902	4,785	116	24·2	9	78	69	14·4	"	"	7	76	15·9
1903	4,747	119	25·1	13	92	58	12·2	"	"	8	66	13·9
1904	4,709	125	26·5	16	128	57	12·1	"	"	6	64	13·4
1905	4,671	107	22·9	6	56	59	12·4	"	"	6	65	13·9
1906	4,633	113	24·4	6	53	51	11·0	"	"	8	59	12·7
1907	4,595	119	25·8	8	67	47	10·2	"	"	7	54	11·7
1908	4,557	113	24·7	6	53	37	8·1	"	"	...	37	8·1
Averages for years 1899-1908	4,728	117	24·7	10	84	58	12·3	"	"	6	65	13·7
1909	**4,519**	**119**	**26·3**	**9**	**75**	**63**	**13·9**	"	"	...	**63**	**13·9**

* Rates in Columns 4, 8 and 13 calculated per 1,000 of estimated population.

At Census of 1901: Area of District in acres (exclusive of area covered by water) 20,019; Total population at all ages, 4,774; Number of inhabited houses, 1,134; Average number of persons per house, 4·2.

TABLE III.

Cases of Infectious Disease notified during the Year 1909.

Notifiable Disease.	Cases notified in whole district.							No. of cases removed to hospital from each locality.
	At all Ages.	At Ages—Years.						
		Under 1.	1 to 5.	5 to 15.	15 to 25.	25 to 65.	65 and upwards.	
Small-pox	...	...	...	...	...	...	...	...
Cholera	...	...	...	...	...	...	...	...
Diphtheria and Membranous croup ...	8	1	...	3	3	1	...	8
Erysipelas	1	1	...	...	...	...	...	...
Scarlet fever	22	...	7	12	3	...	...	19
Typhus fever	...	...	...	...	...	...	...	...
Enteric fever	3	...	...	1	2	...	...	...
Relapsing fever ...	...	...	...	...	...	...	...	...
Continued fever ...	...	...	...	...	...	...	...	...
Puerperal fever ...	...	...	...	...	...	...	...	...
Plague	...	...	...	...	...	...	...	...
Tuberculosis	...	...	...	...	...	...	...	...
Totals	**34**	2	7	16	8	1	...	27

Joint Hospital on the outskirts of the Borough for the Rural and Urban Districts of the Wallingford Union.

CROWMARSH RURAL SANITARY DISTRICT.

TABLE IV.

Causes of, and Ages at, Death during Year 1909.

Causes of Death.	All ages.	Under 1.	1 & under 5.	5 & under 15.	15 & und. 25.	25 & und. 45.	45 & und. 65	65 & upwards	Deaths in Public Institutions.
No. of Persons living in District at Census 1901	4,774	111	442	1107	715	1159	862	378	
	Deaths in or belonging to whole District at subjoined Ages.								
1	2	3	4	5	6	7A	7B	8	
Small-pox	...	...	...	...	...	...	...	...	Not any Public Institution in the District.
Measles	...	...		...	...	...	...	...	
Scarlet fever	...	...	...	...	...	...	...	...	
Whooping-cough	...	...	...	...	...	...	...	...	
Diphtheria and membranous croup	...	...	...	...		...	...	...	
Croup	...	...	...	...	...	...	...	...	
Fever — Typhus	...	...	...	...	...	...	...	...	
Fever — Enteric	2	...	...	...	...	1	1	...	
Fever — Other continued	...	...	...	...	...	...	...	...	
Epidemic influenza	9	...	...	...	...	...	5	4	
Cholera	...	...	...	...	...	...	...	...	
Plague	...	...	...	...	...	...	...	...	
Diarrhœa	...	...	...	...	...	...	...	...	
Enteritis	...	...	...	...	...	...	...	...	
Puerperal fever	...	...	...	...	...	...	...	...	
Erysipelas	...	...	...	...	...	...	...	...	
Other septic diseases	...	...	...	...	...	...	...	...	
Acute rheumatism	...	...	...	...	...	...	...	...	
Phthisis	6	...	...	...	1	4	1	...	
Other tubercular diseases	1	...	...	1	...	...	...	...	
Cancer, malignant disease	2	...	...	...	...	1	1	...	
Bronchitis	9	1	2	...	...	...	...	6	
Pneumonia	5	2	2	...	...	...	...	1	
Pleurisy	...	...	...	...	...	...	...	...	
Other diseases of Respiratory organs	...	...	...	...	...	...		...	
Alcoholism, Cirrhosis of liver	1	...	...	...	...	...	1	...	
Venereal diseases	...	...	...	...	...	...	...	...	
Premature birth	5	5	...	...	...	...	...	...	
Diseases and accidents parturition	...	...	...	...	...	...	...	...	
Heart diseases	13	...	...	...	...	1	2	10	
Other diseases of circulating system	...	...	...	...	...	...	...	...	
Accidents	...	...	...	...	...	...	...	...	
Suicides	1	...	...	...	...	...	1	...	
Apoplexy and cerebral hemorrhage	1	...	...	...	...	...	...	1	
Other diseases of brain and nervous system	1	...	...	...	...	...	1	...	
Diseases of digestive system (not tubercular or cancerous.)	1	...	...	...	...	...	...	1	
Hepatic diseases (not tubercular or cancerous.)	...	...	...	...	...	...	...	...	
Renal diseases (not tubercular or cancerous.)	...	...	...	...	...	...	...	...	
Rheumatism, gout, and rheumatoid arthritis	1	...	...	...	...	...	...	1	
Developmental diseases under 5 years of age	1	1	...	...	...	...	...	...	
Old age and decay	3	...	...	...	...	...	...	3	
All other causes	1	...	...	...	...	...	1	...	
	M. 31 / F. 32 = 63								
All causes		9	4	1	1	7	14	27	...

CROWMARSH RURAL SANITARY DISTRICT.

TABLE V.

Infantile Mortality in 1909 from Stated Causes in Weeks and Months under One Year of Age.

	CAUSE OF DEATH.	Under 1 Week.	1 - 2 Weeks.	2 - 3 Weeks.	3 - 4 Weeks.	Total under 1 Month.	1 - 2 Months.	2 - 3 Months.	3 - 4 Months.	4 - 5 Months.	5 - 6 Months	6 - 7 Months.	7 - 8 Months.	8 - 9 Months.	9 - 10 Months.	10 - 11 Months.	11 - 12 Months.	Total Deaths under One Year.
All Causes	Certified	3	1	...	...	4	2	...	...	...	1	...	2	...	...	...	...	9
	Uncertified	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Common Infectious Diseases	Small-pox	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Chicken-pox	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Measles	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Scarlet Fever	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Diphtheria : Croup	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Whooping Cough	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Diarrhœal Diseases	Diarrhœa, all forms	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Enteritis (not Tubercular)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Gastritis, Gastro-intestinal Catarrh	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Wasting Diseases	Premature Birth	3	1	...	...	4	...	...	...	...	...	...	...	...	...	...	...	4
	Congenital Defects	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Injury at Birth	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Want of Breast-milk	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Atrophy, Debility, Marasmus	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	1
Tubercular Diseases	Tubercular Meningitis	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Tubercular Peritonitis : Tabes Mesenterica	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Other Tubercular Diseases	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Erysipelas	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Syphilis	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Rickets	...	...	...	...	...		...	...	...	1	...	...	...	...	...	...	1
	Meningitis (not Tubercular)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Convulsions	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Bronchitis	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	1
	Laryngitis	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Pneumonia	...	...	...	...	...	...	...	...	...	...	...	2	...	...	...	...	2
	Suffocation, overlaying	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Other Causes	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		3	1	...	...	4	2	...	...	...	1	...	2	...	...	...	...	9

Births in the year { legitimate . 111, illegitimate 8 } Registered deaths from all Causes at all Ages (Nett Deaths 63) } 63 Population to middle of 1909 } 4,519

Registered Deaths in the year of { legitimate infants ... 9, illegitimate infants ... ... }

Wallingford Urban Sanitary District.

STATISTICAL DETAILS OF CENSUS, 1901.

Area of District	380 acres
Of which eight are inland water.	
Population	2,808
Males, 1,298. Females, 1,510.	
Inhabited Houses	624

Showing a density of 4·5 persons per house and approximately 7·5 per acre.

Geological Character.—The town of Wallingford lies on the upper green sand and the river drift gravels.

Meteorological Observations. — The greatest rainfall recorded in twenty-four hours occurred on August 17th, when 1·45 inches was registered. The wettest month was June, when 4·60 inches of rain fell, and February the driest, when only 0·46 of an inch was noted. The total rainfall for the year was 26·89 inches and rain fell on 172 days. The longest period without rain was from August 2nd to 15th. At no time during the twelve months was the river in a state of flood.

Population and Housing. — The population of the Borough of Wallingford, estimated to the middle of the year 1909, is 2,530. This is based on the assumption that the decrease noted in the decennial period 1891–1901 has continued. As the annual number of births is almost stationary this estimation is probably about correct.

Plans were passed and three new houses erected during the year.

Four cases of overcrowding were dealt with, and fifteen dilapidated and ten dirty houses were reported and subsequently remedied.

Sewerage and Water Supply.—The whole of the town is efficiently sewered and scavenging of house refuse carried out by the Sanitary Authority. The municipal water supply is now of good quality; an accidental pollution was discovered by analysis in the month of May and was speedily rectified. Two new supplies were provided from the mains.

Sanitary Work.—The Sanitary Inspector, Mr. A. G. Gray, reports having visited 493 premises during the year and having made twenty-five detailed inspections. Seven complaints were received and ninety-eight nuisances discovered; the most important of these being—

Privies and Water Closets ...	21
Blocked Sewers	14
,, House Drains	16
Foul or Dilapidated Houses ...	25
Overcrowded Houses	4
Bakehouses	3
Cowshed	1

Nuisances were abated on ninety-four premises; four formal notices were served, but in no case was it necessary to institute legal proceedings.

Forty-four premises were disinfected after infectious disease.

Cowsheds, Dairies, etc.—The following premises were inspected during the year:—

Cowshed	1
Dairies	2
Milkshops	2
Slaughterhouses	7
Bakehouses	7
Piggeries	25

In most instances the above premises were well kept, but some of the slaughterhouses are ill adapted for the purpose.

One or two cases of want of cleanliness were noted among the purveyors of milk, which were rectified on notices being served.

Workshop and Factory Act, 1901. — There are no factories in the district. Sixteen workshops and seven workplaces were inspected during the year, and in four cases written notices were served. Four nuisances were discovered and remedied in two cases; in the other two the owners ceased to use the places complained of.

Fourteen outworkers' premises were visited, ten of these being dressmakers and four upholsterers.

Isolation Hospital.—The Medical Officer of Health visited the hospital on several occasions during the year and invariably found it clean and well kept. Forty cases of infectious disease belonging to the borough were treated in this institution, thirty being diphtheria and ten scarlet fever.

Notifiable Infectious Diseases. — The following table gives the number of cases of infectious disease notified during the year 1909, as compared with 1908 :—

	1908		1909
Scarlet Fever ...	8	...	11
Diphtheria ...	54	...	34
Erysipelas ...	—	...	2
Puerperal Fever	—	...	1
Tuberculosis ...	—	...	2
	62	...	50

Scarlet Fever.—The number of cases of this disease is small, three were notified in the month of January and five in February.

Diphtheria. — A considerable number of cases of this disease has again to be recorded; they were a continuance of the outbreak which occurred in 1908 and were spread throughout the first nine months of the year, with the exception of the month of August when no cases were notified. It is worthy of remark that this is the month when the schools are in vacation. There is little doubt that this disease was largely spread by the occurrence of slight and therefore unnotified cases among the

school children. The Medical Officer of Health was instructed in April to take swabs of all children who had suffered from this disease prior to their returning to school. In one case a child was found to have the Bacilli in her throat, although apparently in good health, and was thus acting as a disseminator of infection.

TUBERCULOSIS.—This disease appears for the first time as an infectious notifiable disease. The notification of cases is however limited to "poor persons" as defined by the Local Government Board. Only two cases were reported during the year.

Non-Notifiable Infectious Diseases.—

MEASLES.—Very few cases occurred during the year and no death was registered from this disease.

CHICKEN POX. — The number of cases of this disease occurring during the year 1909 was unimportant.

Vital Statistics.—The number of births registered in the district during the year was sixty-six—M. 28, F. 38, and the number of deaths fifty-four—M. 31, F. 23; these occurred during the several quarters of the year as under :—

1st Quarter	...	...	...	26
2nd ,,	...	...	...	11
3rd ,,	...	...	...	10
4th ,,	...	...	...	7

Of the number of deaths, twenty were registered as occurring in the Union House and eighteen of these were of non-residents. These have to be deducted, and the deaths of two residents dying in public institutions beyond the district have to be added, thus making the nett number of deaths thirty-eight—M. 21, F. 17.

The birth and corrected death statistics and rates per 1,000 of the estimated population are :—

		Males.	Females.	Total.	Rate per 1,000.
Births	...	28	38	66	26·0
Deaths	...	21	17	38	15·0

Four deaths were recorded from phthisis, six from bronchitis, seven from heart diseases and six from apoplexy.

Infantile Mortality.—From Table V., dealing with deaths of infants under one year, it will be seen that eight deaths were registered. Three of these were born prematurely, two died from bronchitis, whilst gastritis, convulsions and congenital defects accounted for one each.

The rates per 1,000 of the estimated population for the following causes of death are :—

Influenza	...	0·39	Heart Diseases	...	2·76
Phthisis	...	1·58	Apoplexy ...	...	2·37
Cancer	...	0·39	Bronchitis ...	...	2·37

WALLINGFORD URBAN SANITARY DISTRICT.

TABLE I.

Vital Statistics of Whole District during 1909 and Previous Years.

Institutions within District receiving sick and infirm "Non-residents":—
Union House, Wallingford; and Cottage Hospital.

Institutions outside District receiving sick and infirm "Residents" from it:—
County Asylum, Moulsford; Royal Berks Hospital, Reading.

Year.	Population estimated to Middle of each Year.	Births.		Total Deaths Registered in the District.				Total Deaths in Public Institutions in the District.	Deaths of Non-residents registered in Public Institutions in the District.	Deaths of Residents registered in Public Institutions beyond the District.	Nett Deaths at all Ages belonging to the District.	
				Under 1 Year of Age.		At all Ages.						
		Number.	Rate.*	Number.	Rate per 1,000 Births registered.	Number.	Rate.*				Number.	Rate.*
1	2	3	4	5	6	7	8	9	10	11	12	13
1899	2,700	62	23·0	5	81	36	13·3	13	11	3	28	10·4
1900	2,683	66	24·6	3	45	72	26·8	28	17	4	59	22·0
1901	2,666	70	26·2	3	43	53	19·9	24	17	4	40	15·0
1902	2,649	58	21·9	5	86	54	20·4	18	13	2	43	16·2
1903	2,632	64	23·9	3	79	65	24·7	29	22	4	47	17·8
1904	2,615	65	24·8	5	77	57	21·8	17	11	7	53	20·3
1905	2,598	56	21·5	7	125	59	22·7	26	25	3	37	14·2
1906	2,581	65	25·2	8	123	42	16·3	15	14	1	29	11·3
1907	2,564	72	28·1	3	60	50	19·5	22	19	...	31	12·1
1908	2,547	65	21·5	3	46	66	25·9	28	24	3	45	17·6
Averages for years 1899-1908	2,624	64	24·0	4	76	55	21·1	22	17	3	41	15·6
1909	2,530	66	26·0	8	121	54	21·3	20	18	2	38	15·0

* Rates in Columns 4, 8 and 13 calculated per 1,000 of estimated population.

At Census of 1901: Area of District in acres (exclusive of area covered by water) 372; Total population at all ages, 2,808; Number of inhabited houses, 624; Average number of persons per house, 4·5.

TABLE III.

Cases of Infectious Diseases notified during the Year 1909.

Notifiable Disease.	Cases notified in whole district.							No. of cases removed to hospital from each locality.
	At all Ages.	At Ages—Years.						
		Under 1.	1 to 5.	5 to 15.	15 to 25.	25 to 65.	65 and upwards	
Small-pox	...	...	...	...	...	...	...	...
Cholera	...	...	...	...	...	...	...	...
Diphtheria and Membranous croup ...	34	...	6	20	7	1	...	30
Erysipelas	2	...	...	...	1	...	1	...
Scarlet fever	11	...	2	9	...	...	...	10
Typhus fever	...	...	...	...	...	...	...	...
Enteric fever	...	...	...	...	...	...	...	...
Relapsing fever ...	...	...	...	...	...	...	...	...
Continued fever ...	...	...	...	...	...	...	...	...
Puerperal fever ...	1	...	...	...	...	1	...	...
Plague	...	...	...	...	...	...	...	...
Tuberculosis	2	...	...	...	...	2	...	...
Totals	50	...	8	29	8	4	1	40

Joint Isolation Hospital for the Borough and for Crowmarsh and Wallingford Rural Districts.

WALLINGFORD URBAN SANITARY DISTRICT.

TABLE IV.

Causes of, and Ages at, Death during Year 1909.

Causes of Death.	All ages.	Under 1.	1 & under 5.	5 & under 15.	15 & und. 25.	25 & und. 45.	45 & und. 65.	65 & upwards.	Deaths in Public Institutions.
No. of Persons living in District at Census 1901	2,808	44	216	561	501	731	490	245	
	Deaths in or belonging to whole District at subjoined Ages.								
1	2	3	4	5	6	7A	7B	8	
Small-pox	...	...	...	...	...	...	...	...	...
Measles	...	...	...	...	...	...	...	...	...
Scarlet fever	...	...	...	...	...	...	...	...	...
Whooping-cough	...	...	...	...	...	...	...	...	...
Diphtheria and membranous croup	...	...	...	...	...	...	...	...	...
Croup	...	...	...	...	...	...	...	...	...
Fever: Typhus	...	...	...	...	...	...	...	...	...
Fever: Enteric	...	...	...	...	...	...	...	...	...
Fever: Other continued	...	...	...	...	...	...	...	...	...
Epidemic influenza	1	...	...	...	...	...	...	1	...
Cholera	...	...	...	...	...	...	...	...	...
Plague	...	...	...	...	...	...	...	...	...
Diarrhœa	1	1	...	...	...	...	...	...	...
Enteritis	...	...	...	...	...	...	...	...	...
Puerperal fever	...	...	...	...	...	...	...	...	...
Erysipelas	...	...	...	...	...	...	...	...	...
Other septic diseases	...	...	...	...	...	...	...	...	...
Acute rheumatism	...	...	...	...	...	...	...	...	...
Phthisis	4	...	...	1	1	2	...	...	2
Other tubercular diseases	...	...	...	...	...	...	...	...	...
Cancer, malignant disease	1	...	...	...	...	...	...	1	4
Bronchitis	6	2	...	...	...	...	1	3	2
Pneumonia	1	...	...	...	...	...	1	...	1
Pleurisy	...	...	...	...	...	...	...	...	...
Other diseases of Respiratory organs	...	...	...	...	...	...	...	...	...
Alcoholism, Cirrhosis of liver	2	...	...	...	...	...	2	...	...
Venereal diseases	...	...	...	...	...	...	...	...	...
Premature birth	3	3	...	...	...	...	...	...	...
Diseases and accidents parturition	...	...	...	...	...	...	...	...	...
Heart diseases	7	...	...	1	...	...	1	5	3
Other diseases of circulating system	...	...	...	...	...	...	...	...	1
Accidents	1	...	...	1	...	...	...	...	1
Suicides	...	...	...	...	...	...	...	...	...
Apoplexy and cerebral hemorrhage	6	...	...	...	...	...	...	6	4
Other diseases of brain and nervous system	1	...	...	...	...	...	...	1	...
Diseases of digestive system (not tubercular or cancerous)	1	...	...	...	...	...	1	...	...
Hepatic diseases (not tubercular or cancerous)	...	...	...	...	...	...	...	...	...
Renal diseases (not tubercular or cancerous)	...	...	...	...	...	...	...	...	...
Rheumatism, gout, and rheumatoid arthritis	...	...	...	...	...	...	...	...	...
Developmental diseases under 5 years of age	...	...	...	...	...	...	...	...	1
Old age and decay	1	...	...	...	...	...	...	1	1
All other causes	2	2	...	...	...	...	...	...	...
	M. 21 F. 17 = 38								
All causes		8	...	3	1	2	6	18	20

WALLINGFORD URBAN SANITARY DISTRICT.

TABLE V.

Infantile Mortality in 1909 from Stated Causes in Weeks and Months under One Year of Age.

	CAUSE OF DEATH.	Under 1 Week.	1-2 Weeks.	2-3 Weeks.	3-4 Weeks.	Total under 1 Month.	1-2 Months.	2-3 Months.	3-4 Months.	4-5 Months.	5-6 Months.	6-7 Months.	7-8 Months.	8-9 Months.	9-10 Months.	10-11 Months.	11-12 Months.	Total Deaths under One Year.
All Causes	Certified	4	1	...	...	5	1	1	...	1	...	...	...	...	...	...	...	8
	Uncertified	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Common Infectious Diseases	Small-pox	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Chicken-pox	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Measles	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Scarlet Fever	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Diphtheria: Croup	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Whooping Cough	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Diarrhœal Diseases	Diarrhœa, all forms	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Enteritis (not Tubercular) ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Gastritis, Gastro-intestinal Catarrh	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	1
Wasting Diseases	Premature Birth	2	1	...	...	3	...	...	...	...	...	...	...	...	...	...	...	3
	Congenital Defects	1	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	1
	Injury at Birth	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Want of Breast-milk... ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Atrophy, Debility, Marasmus.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Tubercular Diseases	Tubercular Meningitis ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Tubercular Peritonitis: Tabes Mesenterica	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Other Tubercular Diseases .	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Erysipelas	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Syphilis	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Rickets	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Meningitis (not Tubercular)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Convulsions	1	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	1
	Bronchitis	...	...	...	...	...	1	...	...	1	...	...	...	...	...	...	...	2
	Laryngitis	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Pneumonia	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Suffocation, overlaying ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Other Causes	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		4	1	...	...	5	1	1	...	1	...	...	...	...	...	...	...	8

Births in the year { legitimate . 57, illegitimate 9 } Registered Deaths from all Causes at all Ages (Nett Deaths 38) 54 Population to middle of 1909 2,530

Registered Deaths in the year of { legitimate infants ... 8, illegitimate infants ... ... }

Bradfield Rural Sanitary District.

Statistical Details of Census, 1901.

Area of District		54,641 acres
Land, 54,305 acres.	Inland Water, 336 acres.	
Population		15,260
Males, 7,544.	Females, 7,716.	
Inhabited Houses		3,322
Unoccupied Houses		232

Density of occupation, 4·6 persons per house, 1 to every 3·5 acres.

Geological Character.—North of a line drawn from Streatley to Theale, the district is mainly on the cretaceous formation which is overlaid in places by the Woolwich and Reading beds or the London clay. Between Bucklebury and Aldermaston the Bagshot formation exists, and the Thames and Kennet valleys are on the river drift gravels and alluvium.

Meteorological Observations.—The total rainfall registered at Burghfield for the year was 29·21 inches, this being 3·96 inches above the average for the Thames Valley. The wettest month in the year was June, when 5·44 inches were recorded, and the driest November, with a total rainfall of only 0·54 of an inch. The greatest fall in twenty-four hours occurred on June 1st, when 1·60 inches were registered. Notwithstanding the wet season, at no time during the year did anything approaching a state of flood exist. The highest point the river Thames reached in the district was at Pangbourne on October 29th, when 1 foot 4 inches above head water mark summer level was noted.

Population and Housing.—The estimated population to the middle of the year 1909 is 15,306. This is calculated on the assumption that the rate of increase shown in the decennial period 1891–1901 has continued. During the year forty-eight new houses have been built, making a total of 409 since 1891. Thus the actual population is undoubtedly larger than appears by the above method of calculation which is one invariably used for the compilation of statistics. Parts of the parishes of Tilehurst and Pangbourne are rapidly becoming almost urban in character. Eighty-five plans have been passed under the Building Bye-laws.

Sewerage and Water Supply.—No sewerage system exists at present in the district. At Tilehurst, where a Local Government Board enquiry was held in 1907, the matter has been held over pending the decision of the Board as to the incorporation of this part of the district in the Borough of Reading. At Pangbourne a difficulty with regard to the ground for the proposed disposal works exists and has retarded the commencement of the work. Tilehurst and Pangbourne have an excellent public water supply. The remainder of the district depends almost entirely on wells. During the year two samples were submitted to analysis, one of which was condemned.

Sanitary Work.—The Sanitary Inspector reports having visited 438 premises during the year. Twelve complaints were received and twenty-eight nuisances discovered, these being as under :—

House Drains	6
Animals	1
Bakehouses	1
Polluted Water Supply	1
Foul or Overcrowded Houses ...	4
Foul Ditches	8
Other Nuisances	7

All of these were subsequently abated. Sixty premises were disinfected after infectious disease.

Cowsheds, Dairies, &c.—The following premises were inspected during the year :—

Cowsheds	33
Milkshops	6
Slaughterhouses	7
Bakehouses	12
Canal Boats	4

All of these were found to be well kept, any minor defects found being remedied by the owner or occupier concerned.

Factory and Workshop Act, 1901.—There are twenty-seven workshops and one factory in the district. These were inspected on several occasions in the year and found to be clean, well kept and in accordance with the Act. The only outworkers are makers of wearing apparel, two in number, their homes were found to be in a satisfactory condition.

Notifiable Infectious Diseases.—The following table shows the number of cases of infectious disease registered in the district in 1909, as compared with the preceding year :—

	1908.		1909.
Scarlet Fever ...	31	...	44
Diphtheria ..	14	...	13
Puerperal Fever...	—	...	2
Enteric Fever ...	—	...	1
Erysipelas ...	3	...	11
Tuberculosis ...	—	...	6
	48	...	77

Scarlet Fever.—The number of cases notified in the year 1909 is slightly in excess of 1908. Two deaths were registered from this disease. These occurred in the Reading Isolation Hospital, and therefore do not properly belong to the district. The disease was generally of a mild character and in some instances it was only noticed by the person's skin being in a peeling condition. It is these slight cases which so greatly increase the difficulty of dealing with an outbreak.

Diphtheria.—The number of cases of diphtheria notified remain stationary as compared with last year. Three deaths were registered, one in February, June and September respectively, from this disease.

Enteric Fever.—One case was notified at Jennets Hill in April and proved fatal. Cases have been occurring at intervals at this place for the last few years. It was discovered by bacteriological investigation that a woman residing at that place was a "carrier" of the disease, and steps were taken to isolate the source of infection. At the request of the Council, Dr. R. W. Johnstone, one of the Local Government Board Inspectors, made a special inspection of the neighbourhood in 1908 and 1909, but his report has not yet been received.

Tuberculosis.—This appears for the first time this year as a notifiable disease. Its notification is however limited to "poor persons," as defined by the Local Government Board, or inmates of a Poor Law Institution. The number of cases so notified was six.

Non-Notifiable Infectious Diseases.—

Measles.—This disease was not prevalent in the district during the year, only one death was registered from this cause in the twelve months.

Whooping Cough.—Very few cases of this complaint were brought to notice in 1909. Two deaths of infants under one year were notified in the month of January.

Influenza.—Three deaths occurred from this disease in the first quarter of the year, but at no time did it exist in an epidemic form.

Vital Statistics.—The number of births registered in the district during the year was 350—M. 185, F. 165, and the number of deaths 224—M. 112, F. 112, recorded in the several quarters of the year, as under :—

1st Quarter	...	...	...	92
2nd ,,	...	...	...	52
3rd ,,	...	...	...	36
4th ,,	...	...	...	44

To arrive at the corrected number of deaths to be allocated to the district, the deaths of eight persons who died in the workhouse and who previously resided in other districts, have to be deducted, whilst the deaths of twelve persons dying in public institutions outside the district have to be added, thus making the nett deaths 228—M. 115, F. 113.

The birth and death statistics and rates per 1,000 of the estimated population are :—

		Males.	Females.	Total.	Rate per 1,000.
Births	...	185	165	350	22·8
Deaths	...	115	113	228	14·8

One death was recorded from measles, two from whooping cough, three from diphtheria and one from enteric fever, whilst phthisis and cancer were fatal to sixteen each, heart diseases to thirty-three and apoplexy to nine.

Infantile Mortality.—From Table V. it will be seen that thirty-three infants died in their first year, and of these nine were born prematurely, five died from convulsions, five from debility and two from whooping cough.

The rates per 1,000 of the estimated population for the principal causes of death are :—

Measles	0·06	Cancer	1·04
Whooping Cough	0·13	Pulmonary Inflammations	1·32
Diphtheria ...	0·19	Developmental Diseases under five years ...	0·32
Enteric Fever ...	0·06		
Phthisis	1·04		

BRADFIELD RURAL SANITARY DISTRICT.

TABLE I.

Vital Statistics of Whole District during 1909 and Previous Years.

Institutions within District receiving sick and infirm "Non-residents":—
Union House, Bradfield.

Institutions outside District receiving sick and infirm "Residents" from it:—
County Asylum, Moulsford; and Royal Berks Hospital, Reading.

Year.	Population estimated to Middle of each Year.	Births.		Total Deaths Registered in the District.				Total Deaths in Public Institutions in the District.	Deaths of Non-residents registered in Public Institutions in the District.	Deaths of Residents registered in Public Institutions beyond the District.	Nett Deaths at all Ages belonging to the District.	
				Under 1 Year of Age.		At all Ages.						
		Number.	Rate.*	Number.	Rate per 1,000 Births registered.	Number.	Rate.*				Number.	Rate.*
1	2	3	4	5	6	7	8	9	10	11	12	13
1899	15,226	345	22·7	33	96	206	13·5	17	2	14	218	14·3
1900	15,234	355	23·3	24	68	202	13·6	21	...	23	225	14·8
1901	15,242	336	21·9	35	104	203	13·3	18	4	9	208	13·6
1902	15,250	352	23·1	36	102	180	11·8	13	1	8	187	12·3
1903	15,258	345	22·6	32	93	168	11·0	17	4	14	178	11·7
1904	15,266	362	23·7	35	97	190	12·4	16	4	13	200	13·1
1905	15,274	306	20·0	28	91	194	12·7	16	4	16	206	13·5
1906	15,282	337	21·5	19	56	198	12·9	25	11	14	201	13·1
1907	15,290	364	23·8	23	63	181	11·8	26	12	14	183	13·1
1908	15,298	342	22·3	23	67	192	12·5	35	21	14	185	12·0
Averages for years 1899-1908	15,262	344	22·4	28	83	191	12·5	20	6	13	199	13·1
1909	**15,306**	**350**	**22·8**	**33**	**94**	**224**	**14·6**	**22**	8	**12**	**228**	**14·8**

* Rates in Columns 4, 8 and 13 calculated per 1,000 of estimated population.

At Census of 1901: Area of District in acres (exclusive of area covered by water) 54,305; Total population at all ages, 15,260; Number of inhabited houses, 3,322; Average number of persons per house, 4·6.

TABLE III.

Cases of Infectious Disease notified during the Year 1909.

Notifiable Disease.	Cases notified in whole district.							No. of cases removed to hospital from each locality.
	At all Ages.	At Ages—Years.						
		Under 1.	1 to 5.	5 to 15.	15 to 25.	25 to 65.	65 and upwards.	
Small-pox	...	...	...	...	...	...	...	...
Cholera	...	...	...	...	...	...	..	...
Diphtheria and Membranous croup ...	13	2	6	2	3	...	...	...
Erysipelas	11	...	3	2	...	4	2	...
Scarlet fever	44	...	7	29	6	2	...	...
Typhus fever	...	...	...	...	...	...	...	...
Enteric fever	1	...	...	1	...	...	...	...
Relapsing fever ...	...	...	...	...	...	...	...	...
Continued fever ..	...	...	...	...	...	...	...	...
Puerperal fever ...	2	...	..	...	...	2	...	...
Plague	...	.	...	...	...	...	...	...
Tuberculosis	6	...	...	...	...	6	...	...
Totals	**77**	**2**	**16**	**34**	**9**	**14**	**2**	...

Isolation Hospital: None in the District.

BRADFIELD RURAL SANITARY DISTRICT.

TABLE IV.

Causes of, and Ages at, Death during Year 1909.

Causes of Death.	All ages.	Under 1.	1 & under 5.	5 & under 15.	15 & und. 25.	25 & und. 45.	45 & und. 65.	65 & upwards.	Deaths in Public Institutions.
No. of Persons living in District at Census 1901	15,260	316	1339	3463	2615	3967	2557	1003	
	Deaths in or belonging to whole District at subjoined Ages.								
1	2	3	4	5	6	7A	7B	8	
Small-pox	...	...	...	...	...	...	...	...	...
Measles	1	...		1	...	...	...	...	...
Scarlet fever	...	...	...	...	...	...	...	...	2
Whooping-cough...	2	2	...	...	...	...	...	...	..
Diphtheria and membranous croup	3	...	2	1	...	...	...	...	4
Croup	...	...	...	...	...	...	...	...	...
Fever { Typhus	...	...	...	...	...	...	...	...	...
Fever { Enteric	1	...	...	1	...	...	...	...	...
Fever { Other continued	...	...	...	...	...	...	...	...	...
Epidemic influenza	3	...	...	...	1	...	1	1	...
Cholera	...	...	...	...	...	...	...	...	...
Plague	...	..	...	...	...	...	...	...	...
Diarrhœa	5	2	...	1	...	1	...	1	...
Enteritis	2	...	...	...	...	...	1	1	...
Puerperal fever	...	...	...	...	..	...	...	...	...
Erysipelas	1	...	...	...	...	...	...	1	...
Other septic diseases	5	...	1	...	...	...	2	2	...
Acute rheumatism	2	...	...	...	...	...	2	...	...
Phthisis	16	...	...	...	2	12	1	1	...
Other tubercular diseases	3	...	...	1	...	2	...	...	...
Cancer, malignant disease	16	...	...	...	...	2	8	6	...
Bronchitis	13	1	...	...	...	...	3	9	1
Pneumonia	9	2	1	...	1	1	2	2	...
Pleurisy	...	...	...	...	...	...	...	...	...
Other diseases of Respiratory organs	...	...	...	...	...	...	...	...	...
Alcoholism, Cirrhosis of liver	...	...	...	...	..	...	...	...	...
Venereal diseases	1	1	...	...	...	...	...	...	...
Premature birth	9	9	...	...	...	...	...	...	...
Diseases and accidents parturition	...	...	...	...	...	...	...	...	...
Heart diseases	33	...	...	...	...	4	10	19	6
Other diseases of circulating system	...	...	...	...	...	...	...	...	...
Accidents	4	...	...	1	2	1	...	...	...
Suicides	6	...	...	...	...	4	1	1	...
Apoplexy and cerebral hemorrhage	9	...	...	...	...	1	2	6	2
Other diseases of brain and nervous system ...	7	1	...	...	...	1	1	4	2
Diseases of digestive system } not tubercular or cancerous.	4	...	...	...	2	...	2	...	...
Hepatic diseases ... ... } not tubercular or cancerous.	...	...	...	...	...	...	...	...	...
Renal diseases ... ... } not tubercular or cancerous.	4	...	...	...	...	...	...	4	...
Rheumatism, gout, and rheumatoid arthritis ..	2	...	...	...	...	...	...	2	...
Developmental diseases under 5 years of age...	5	3	1	1	...	...	...	...	...
Old age and decay	43	...	...	...	...	...	...	43	4
All other causes	19	12	...	...	1	...	4	2	1
	M. 115 / F. 113								
All causes	228	33	5	7	9	29	40	105	22

BRADFIELD RURAL SANITARY DISTRICT.

TABLE V.

Infantile Mortality in 1909 from Stated Causes in Weeks and Months under One Year of Age.

	CAUSE OF DEATH.	Under 1 Week.	1-2 Weeks.	2-3 Weeks.	3-4 Weeks.	Total under 1 Month.	1-2 Months.	2-3 Months.	3-4 Months.	4-5 Months.	5-6 Months.	6-7 Months.	7-8 Months.	8-9 Months.	9-10 Months.	10-11 Months.	11-12 Months.	Total Deaths under One Year.
ALL CAUSES	Certified	10	4	1	4	19	2	1	1	...	2	5	1	...	...	2	...	33
	Uncertified	...	...	...	...	...	...	...	...	...	...	..	...	...	...	...	...	...
Common Infectious Diseases	Small-pox	...	...	...	...	...	...	...	...	...	...	...	..	...	...	..	...	...
	Chicken-pox	...	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	..
	Measles	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Scarlet Fever	...	..	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Diphtheria: Croup	...	...	...	..	...	...	...	...	...	...	...	...	...	...	..	...	...
	Whooping Cough	...	...	...	1	1	...	...	...	...	...	...	1	...	...	...	..	2
Diarrhœal Diseases	Diarrhœa, all forms	...	..	...	...	...	...	...	...	...	...	...	...	...	...	..	...	...
	Enteritis (not Tubercular) ...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	1	..	2
	Gastritis, Gastro intestinal Catarrh	...	...	...	..	...	...	...	...	...	...	...	...	...	...	...	...	...
Wasting Diseases	Premature Birth	6	2	1	...	9	...	...	...	.	...	...	...	...	.	...	.	9
	Congenital Defects	...	1	...	...	1	...	...	...	...	...	...	...	...	.	...	...	1
	Injury at Birth	...	...	...	..	...	...	...	..	...	...	...	...	...	...	...	...	...
	Want of Breast-milk... ...	...	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Atrophy, Debility, Marasmus	2	...	...	2	4	1	...	...	..	...	...	...	...	...	...	...	5
Tubercular Diseases	Tubercular Meningitis ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Tubercular Peritonitis: Tabes Mesenterica	...	...	...	...	...	...	..	...	...	...	...	...	...	...	..	..	...
	Other Tubercular Diseases	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Erysipelas	...	...	...	...	...	...	...	...	...	...	...	.	...	...	..	...	...
	Syphilis	...	...	...	...	...	...	...	...	...	...	1	...	...	.	..	...	1
	Rickets	...	...	...	...	...	.	...	...	...	...	...	...	...	...	1	...	1
	Meningitis (not Tubercular)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Convulsions	1	1	...	...	2	1	...	...	...	1	1	...	...	...	...	...	5
	Bronchitis	...	...	..	...	...	...	1	...	...	...	...	...	...	..	...	...	1
	Laryngitis	...	...	...	...	...	..	...	...	..	...	...	...	...	...	...	...	...
	Pneumonia	...	...	...	1	1	...	...	...	...	...	1	...	...	...	...	...	2
	Suffocation, overlaying ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Other Causes	1	...	...	...	1	...	...	..	...	1	2	...	...	...	...	...	4
		10	4	1	4	19	2	1	1	...	2	5	1	...	...	2	...	33

Births in the year { legitimate . 337, illegitimate 13 } Registered deaths from all Causes at all Ages (Nett Deaths 228) } 224 Population to middle of 1909 } 15,306

Registered Deaths in the year of { legitimate infants ... 30, illegitimate infants ... 3

Goring Rural Sanitary District.

STATISTICAL DETAILS OF CENSUS, 1901.

Area of District ... ... 9,728 acres.
Land, 9,534 acres. Inland Water, 194 acres.

Population 2,857
Males, 1,407. Females, 1,450.

Occupied Houses 630
Density of occupation, 4·5 persons per house, one person to 3·3 acres.

Geological Character.—A narrow strip running parallel to the river Thames is on the alluvium. The whole of the remaining portion of the district is on the cretaceous formation.

Meteorological Observations.—The total rainfall for the year, registered at Coombe Park, was 26·86 inches. The wettest month was October, when 4·44 inches were recorded, and the driest February, when only 0·38 of an inch fell. The greatest rainfall in twenty-four hours occurred on October 29th, when 0·89 of an inch was noted. At no time during the year did the river Thames overflow its banks, the highest point reached was at Whitchurch Lock on October 29th, when 1 foot 4 inches above head water mark was registered.

Population and Housing.—The estimated population for the year 1909 is 2,894. This estimation is calculated on the assumption that the increase noted during the decennial period 1891–1901 has continued. In view of the building that has taken place since the latter date there is little doubt that this increase has been maintained. Plans were passed under the Building Bye-Laws for five new houses and two certificates of water supply granted.

Sewerage and Water Supply.—No part of the district is sewered. The village of Whitchurch is supplied by the Tilehurst Water Company, Goring village and the parts adjacent thereto by the South Oxfordshire Water Company, both of these supplies are of excellent quality. Other parts of the district depend on wells, and in the hilly districts largely on rainwater, for their supplies. This latter source in dry seasons is often very unsatisfactory and liable to be polluted.

Sanitary Work.—Mr. Windle, the Sanitary Inspector, reports having visited 155 premises during the year. Nine complaints were received and eight nuisances discovered, as under:—

Foul Ditches	2
Foul or Dilapidated Houses ...	3
Pigstyes	1
House Drains	1
Earth Closets	1

All of which were subsequently abated. In two instances it was necessary to issue formal notices, but in no case was it requisite to institute legal proceedings.

Cowsheds, Dairies, &c.—The following premises were inspected during the year:—

Cowsheds	13
Dairies	1
Slaughterhouses	3
Bakehouses	4

All of these were found to be clean and well kept.

Factory and Workshop Act, 1901.—Seven workshops were inspected during the year and found to be in a satisfactory condition and in accordance with the Act. There are no factories or outworkers in the district.

Isolation Hospital.—No Isolation Hospital exists in the district, but arrangements have been made during the year by which persons suffering from infectious disease will in future be taken to the Isolation Hospital of the Abingdon Joint Board, near that town.

Notifiable Infectious Diseases.—The following table shows the number of cases of infectious disease notified in the district during the year 1909, as compared with the preceding year :—

		1908.		1909.
Scarlet Fever	...	14	...	28
Diphtheria ...	...	1	...	1
Erysipelas ...	...	—	...	1
Puerperal Fever	...	—	...	2
Tuberculosis	...	—	...	—
		15	...	32

Scarlet Fever.—The outbreak which commenced in December, 1908, continued through the first nine months of the year, and was practically confined to the village of Goring, the other villages in the district being almost entirely free from the disease. The number of cases, as noted above, was twenty-eight, whilst the number of infected houses was twenty. The difficulty experienced in checking the continuance of the disease was the extreme mildness of its character. Before the school resumed after the summer holidays, the children were all carefully examined and no less than eight were sent home on account of suspicious peeling, none of whom had previously had any medical treatment or been notified. In view of the large number of cases it is a matter of congratulation that no death was registered from the disease.

Tuberculosis.—For the first time this disease appears as a notifiable complaint. The notification is limited however to "poor persons," as defined by the Local Government Board, or inmates of a Poor Law Institution. No cases were notified during the year.

Non-Notifiable Infectious Diseases.—

Whooping Cough.—There were several cases in the autumn, and one death was registered in September.

Influenza.—Three deaths from this disease were recorded during the early part of the year.

Vital Statistics.—The number of births registered in the district during the year was 58—M. 28, F. 30, and the number of death 29—M. 17, F. 12, recorded in the several quarters of the year, as under :—

1st Quarter	...	...	...	13
2nd ,,	...	...	...	4
3rd ,,	...	...	...	8
4th ,,	...	...	...	4

To these figures have to be added the deaths of four residents dying in public institutions without the district, thus making the corrected number of deaths 33—M. 18, F. 15.

The birth and death statistics and rates per 1,000 of the estimated population are :—

	Males.	Females.	Total.	Rate per 1,000.
Births	28	30	58	20·0
Deaths	18	15	33	11·4

Eight deaths were recorded from cancer, two from bronchitis, and two from influenza, whilst heart diseases were fatal to four, diseases of the digestive system to two, and whooping cough to one.

Infantile Mortality.—The deaths of four infants dying in their first year were registered, giving a rate per 1,000 births of 68.

The following are the rates for the principal causes of death per 1,000 of the estimated population :—

Whooping Cough	0·34	Bronchitis	0·68
Influenza ...	0·68	Heart Diseases ...	1·38
Cancer	2·78	Apoplexy	0·34

GORING RURAL SANITARY DISTRICT.

TABLE I.

Vital Statistics of Whole District during 1909 and Previous Years.

Institutions within District receiving sick and infirm "Non-residents":—Nil.

Institutions outside District receiving sick and infirm "Residents" from it:—
Union House, Bradfield; County Asylum, Littlemore, Oxon; and Royal Berks Hospital, Reading.

Year.	Population estimated to Middle of each Year.	Births.		Total Deaths Registered in the District.				Total Deaths in Public Institutions in the District.	Deaths of Non-residents registered in Public Institutions in the District.	Deaths of Residents registered in Public Institutions beyond the District.	Nett Deaths at all Ages belonging to the District.	
				Under 1 Year of Age.		At all Ages.						
		Number.	Rate.*	Number.	Rate per 1,000 Births registered.	Number.	Rate.*				Number.	Rate.*
1	2	3	4	5	6	7	8	9	10	11	12	13
1899	2,873	51	17·7	10	196	39	13·5	nil.	nil.	4	43	14·9
1900	2,875	59	20·4	6	102	27	9·4	"	"	3	30	10·4
1901	2,877	68	23·5	6	88	33	11·4	"	"	9	42	14·5
1902	2,880	75	26·0	9	120	35	12·1	"	"	...	35	12·1
1903	2,882	69	23·9	3	53	32	11·1	"	"	5	37	12·8
1904	2,884	56	19·4	3	53	26	9·0	"	"	5	29	10·1
1905	2,886	48	16·6	6	125	25	8·7	"	"	6	31	10·7
1906	2,888	69	23·9	10	145	35	12·1	"	"	4	39	13·5
1907	2,890	59	20·4	4	67	42	14·5	"	"	5	47	16·2
1908	2,892	57	19·7	1	17	28	9·6	"	"	5	33	11·4
Averages for years 1899-1908	2,882	60	21·1	5	96	32	11·1	"	"	4	36	12·6
1909	2,894	58	20·0	4	68	29		"	"	4	33	11·4

* Rates in Columns 4, 8 and 13 calculated per 1,000 of estimated population.

At Census of 1901: Area of District in acres (exclusive of area covered by water) 9,534; Total population at all ages, 2,857; Number of inhabited houses, 630; Average number of persons per house, 4·5.

TABLE III.

Cases of Infectious Disease notified during the Year 1909.

Notifiable Disease.	Cases notified in whole district.							No. of cases removed to hospital from each locality.
	At all Ages.	At Ages—Years.						
		Under 1.	1 to 5.	5 to 15.	15 to 25.	25 to 65.	65 and upwards.	
Small-pox	...	...	...	...	...	...	...	...
Cholera	...	...	...	...	...	...	...	...
Diphtheria and Membranous croup ...	1	...	...	1	...	...	...	...
Erysipelas	1	...	...	...	...	...	1	...
Scarlet fever	28	...	3	17	7	1	...	1*
Typhus fever	...	...	...	...	...	...	...	...
Enteric fever	...	...	...	...	...	...	...	...
Relapsing fever ...	...	...	...	...	...	...	...	...
Continued fever ...	...	...	...	...	...	...	...	...
Puerperal fever ...	2	...	...	...	...	2	...	...
Plague	...	...	...	...	...	...	...	...
Tuberculosis		...	...	...	...	...	...	...
Totals	32	...	3	18	7	3	1	1

Isolation Hospital: None in the District. * Removed to Abingdon Joint Hospital.

GORING RURAL SANITARY DISTRICT.

TABLE IV.

Causes of, and Ages at, Death during Year 1909.

Causes of Death.	All ages.	Under 1.	1 & under 5.	5 & under 15.	15 & und. 25.	25 & und. 45.	45 & und. 65	65 & upwards.	Deaths in Public Institutions.
No. of Persons living in District at Census 1901	2,857	51	196	590	540	805	498	177	
	Deaths in or belonging to whole District at subjoined Ages.								
1	2	3	4	5	6	7A	7B	8	
Small-pox	...	...	...	...	...	...	...	...	Not any Public Institution in the District.
Measles	...	...	...	...	...	...	...	...	
Scarlet fever	...	...	...	...	...	...	...	...	
Whooping-cough	1	...	1	...	...	...	...	...	
Diphtheria and membranous croup	...	...	...	...	...	...	...	...	
Croup	...	...	...	...	...	...	...	...	
Fever — Typhus	...	...	...	...	...	...	...	...	
Fever — Enteric	...	...	...	...	...	...	...	...	
Fever — Other continued	...	...	...	...	...	...	...	...	
Epidemic influenza	2	...	...	...	...	1	...	1	
Cholera	...	...	...	...	...	...	...	...	
Plague	...	...	...	...	...	...	...	...	
Diarrhœa	...	...	...	...	...	...	...	...	
Enteritis	...	...	...	...	...	...	...	...	
Puerperal fever	...	...	...	...	...	...	...	...	
Erysipelas	...	...	...	...	...	...	...	...	
Other septic diseases	...	...	...	...	...	...	...	...	
Acute rheumatism	...	...	...	...	...	...	...	...	
Phthisis	...	...	...	...	...	...	...	...	
Other tubercular diseases	...	...	...	...	...	...	...	...	
Cancer, malignant disease	8	...	...	...	...	...	4	4	
Bronchitis	2	...	...	...	...	...	...	2	
Pneumonia	...	...	...	...	...	...	...	...	
Pleurisy	1	1	...	...	...	...	...	...	
Other diseases of Respiratory organs	1	...	1	...	...	...	...	...	
Alcoholism, Cirrhosis of liver	1	...	...	...	...	1	...	...	
Venereal diseases	...	...	...	...	...	...	...	...	
Premature birth	1	1	...	...	...	...	...	...	
Diseases and accidents parturition	...	...	...	...	...	...	...	...	
Heart diseases	4	1	...	...	...	...	1	2	
Other diseases of circulating system	...	...	...	...	...	...	...	...	
Accidents	2	...	...	...	...	...	...	2	
Suicides	1	...	...	...	...	...	1	...	
Apoplexy and cerebral hemorrhage	1	...	...	...	...	...	...	1	
Other diseases of brain and nervous system	1	...	...	...	...	...	...	1	
Diseases of digestive system (not tubercular or cancerous.)	2	...	...	...	...	1	...	1	
Hepatic diseases (not tubercular or cancerous.)	...	...	...	...	...	...	...	...	
Renal diseases (not tubercular or cancerous.)	1	...	...	...	...	...	1	...	
Rheumatism, gout, and rheumatoid arthritis	...	...	...	...	...	...	...	...	
Developmental diseases under 5 years of age	...	...	...	...	...	...	...	...	
Old age and decay	1	...	...	...	...	...	...	1	
All other causes	3	1	...	...	...	...	...	2	
All causes	M. 18 / F. 15 = 33	4	2	...	...	3	7	17	...

GORING RURAL SANITARY DISTRICT.

TABLE V.

Infantile Mortality in 1909 from Stated Causes in Weeks and Months under One Year of Age.

	CAUSE OF DEATH.	Under 1 Week.	1 - 2 Weeks.	2 - 3 Weeks.	3 - 4 Weeks.	Total under 1 Month.	1 - 2 Months.	2 - 3 Months.	3 - 4 Months.	4 - 5 Months.	5 - 6 Months.	6 - 7 Months.	7 - 8 Months.	8 - 9 Months.	9 - 10 Months.	10 - 11 Months.	11 - 12 Months.	Total Deaths under One Year.
All Causes	Certified	1	2	...	...	3	...	...	...	1	...	..	...	...	...	...	...	4
	Uncertified	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Common Infectious Diseases	Small-pox	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Chicken-pox	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	..
	Measles	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Scarlet Fever	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Diphtheria : Croup	...	...	...	..	...	...	...	...	...	...	...	...	...	...	...	...	...
	Whooping Cough	...	...	...	...	..	...	...	...	...	...	...	...	...	...	...	...	...
Diarrhœal Diseases	Diarrhœa, all forms	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	.	...
	Enteritis (not Tubercular) ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	.	...
	Gastritis, Gastro-intestinal Catarrh	...	...	...	..	...	...	...	...	...	...	...	...	...	...	...	...	...
Wasting Diseases	Premature Birth	1	...	...	...	1	...	...	...	..	...	...	...	...	.	...	.	1
	Congenital Defects	...	...	...	...	...	...	...	...	...	...	...	...	...	..	...	...	...
	Injury at Birth	...	...	..	..	...	...	...	..	...	...	...	...	...	...	...	...	...
	Want of Breast-milk... ...	...	.	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Atrophy, Debility, Marasmus	..	..	...	.	...	..	...	...	..	...	...	...	...	...	...	...	...
Tubercular Diseases	Tubercular Meningitis ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Tubercular Peritonitis : Tabes Mesenterica	...	...	...	..	...	...	..	...	...	...	...	...	...	...	..	...	...
	Other Tubercular Diseases	...	...	...	..	...	...	...	...	...	...	...	...	...	...	...	...	...
	Erysipelas	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Syphilis	...	..	...	.	...	...	...	...	...	...	...	...	...	..	...	...	...
	Rickets	...	...	...	...	...		...	...	...	...	...	...	...	...	...	...	...
	Meningitis (not Tubercular)	...	...	..	...	..	...	...	...	...	...	...	...	..	...	...	...	...
	Convulsions	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Bronchitis	...	...	..	...	...	..	..	...	...	...	...	...	...	...	...	...	...
	Laryngitis	...	...	...	...	...	..	...	...	..	...	...	...	..	...	...	..	...
	Pneumonia	...	..	...	...	...	...	...	...	...	..	..	...	...	...	...	..	...
	Suffocation, overlaying ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Other Causes	...	2	...	...	2	...	...	.	1	...	...	..	...	...	...	...	3
		1	2	...	.	3	..	...	.	1	...		..	...	...	...	...	4

Births in the year { legitimate . 54, illegitimate 4 } Registered deaths from all Causes at all Ages (Nett Deaths 33) } 29 Population to middle of 1909 } 2,894

Registered Deaths in the year of { legitimate infants ... 4, illegitimate infants ... ... }

Cookham Rural Sanitary District.

STATISTICAL DETAILS OF THE CENSUS OF 1901.

Area of District		27,801 acres.
Land, 27,428 acres.	Inland Water, 373.	
Population		10,574
Males, 5,061.	Females, 5,507.	
Occupied Houses		2,373
Density of occupation, 4·5 per house.		

Geological Character.—The northern and eastern portion of the district is for the whole distance from opposite Medmenham to Boveney on a strip of the drift gravel and alluvium of the river bed, from one to two miles in width, and the villages of Bray, Cookham, Bisham and Hurley are situated on it. At the southern end of Hurley and on to Bray and Holyport, London or the Reading beds occur. The remainder of the district is on the chalk.

Population and Housing.—The estimated population to the middle of the year 1909 is 11,354, based on the census returns of 1901, which show an annual increase, as from that of 1891, of 71 persons during the ten-year period on the assumption that this rate of increase has been maintained. Plans were passed and thirty-four new houses have been erected during the year. Three cases of overcrowding, and one dilapidated and thirteen dirty houses were dealt with.

Sewerage and Water Supply.—The district is unsewered and no scavenging is done by the Authority. The increase of

some of the villages and the laying on of public water supplies thereto will probably necessitate some system of sewage disposal being adopted before long in the more populous areas. The Maidenhead Water Company supply a considerable portion of the district. During the year extensions of the mains have been made in—

Bray Parish	546 yards.
Hurley Parish	1,149 ,,
Waltham St. Lawrence Parish ...	429 ,,

The more rural parts of the district depend on wells for their supply. Three samples were taken for analysis and one condemned. Eighty-five new supplies from mains were made.

Sanitary Work.—Mr. Coleman, the Sanitary Inspector, reports that he visited and inspected 432 premises during the year, thirty-two of which were detailed inspections. Nine complaints were received and ninety-five nuisances discovered, the principal of these being :—

Privies, Drains, &c.	19
Cowsheds	3
Slaughterhouses	3
Bakehouses	9
Polluted Water	4
Foul, Overcrowded or Dilapidated Houses	27
Foul Ditches	8

Nuisances were abated on seventy-one premises, one formal notice was served, and in one case it was necessary to institute legal proceedings when a conviction was obtained. Thirty-eight premises were disinfected after infectious disease.

Cowsheds, Dairies, &c.—The following premises were inspected during the year :—

Cowsheds	97
Dairies	9
Slaughterhouses	5
Bakehouses	22
Piggeries	10

These were on the whole found to be well kept and in the few cases where nuisances were discovered they were abated by the owners or occupiers. I noted with satisfaction a marked improvement in the way cowsheds are now kept. No tuberculous meat was found at any of the butchers in the district.

Factory and Workshop Act, 1901.—Four factories and twenty-five workshops, one work place and two outworkers' premises were inspected during the year, in nine instances nuisance from want of cleanliness was found to exist and subsequently abated. Two nuisances due to want of drainage of floors were also notified. There are thirty-three registered workshops, twenty-two of which are bakehouses.

Notifiable Infectious Diseases.—The total number of cases notified was sixty-five. The following table gives the number from each disease as compared with 1908 :—

		1908		1909
Scarlet Fever	...	38	...	30
Diphtheria ...	...	4	...	29
Enteric Fever	...	2	...	1
Erysipelas ...	...	4	...	4
Tuberculosis	...	—	...	1
		48		65

Scarlet Fever.—The number of cases notified is slightly less than in 1908 and they have been spread over practically the whole year, the greatest number being in the months of July (eight) and October (seven).

Diphtheria.—A considerable increase in the number of cases has occurred during the year. Out of the total number recorded no less than twenty were notified during the months of November and December. These mostly occurred at Cookham and Pinkneys Green. During these two months a large number of children were absent from school and the reason assigned being that they were suffering from sore throat. It seems very probable that at least some of these may have had diphtheria in a

mild form and on returning to school spread the infection. Six fatal cases were notified.

Enteric Fever.—Only one case was notified during the year at Oakley Green in August.

Non-Notifiable Infectious Diseases.—

Measles.—Very few cases of this disease occurred during the year and no deaths were registered.

Chicken Pox.—An outbreak of this disease occurred in March last and the schools of Holy Trinity were closed in consequence.

Whooping Cough was not prevalent during the year and no death occurred.

Influenza.—Two fatal cases were recorded.

Isolation Hospital.—The hospital of the Borough of Maidenhead is available for the treatment of cases of infectious disease. The Medical Officer of Health has inspected it at frequent intervals during the year and always found it clean and well kept. It is probable that in the near future, owing to the increase of population, it may be found necessary to enlarge the accommodation.

Vital Statistics.—The number of births registered in the district during the year was 248—M. 132, F. 116, and the number of deaths 118—M. 64, F. 54, recorded during the several quarters of the year as under :—

1st Quarter	43
2nd ,, ...	22
3rd ,, ...	22
4th ,, ...	31

To these numbers have to be added the deaths of eighteen persons, previous residents of the district, who died in public institutions outside, making the corrected number of deaths 136—M. 78, F. 58.

The birth and death statistics and rates per 1,000 of the estimated population for the year are :—

		Males.	Females.	Total.	Rate per 1,000
Births	...	132	116	248	21·8
Deaths	...	78	58	136	11·9

Six deaths were recorded from diphtheria ; four from phthisis and eight from cancer, whilst bronchitis was fatal to ten, heart diseases to eighteen and apoplexy to eleven.

Infantile Mortality.—From Table V. it will be seen that twenty infants died in their first year, and of this number, eight were born prematurely, three died from debility and three from bronchitis.

The following are the rates for the principal causes of death per 1,000 of the estimated population :—

Diphtheria ...	...	0·52	Pneumonia ...	...	0·70
Phthisis ...	...	0·35	Heart Diseases	...	1·58
Cancer ...	...	0·70	Apoplexy ...	...	0·96
Bronchitis ...	...	0·88	Old Age ...	...	1·49

COOKHAM RURAL SANITARY DISTRICT.

TABLE I.

Vital Statistics of Whole District during 1909 and Previous Years.

Institutions within District receiving sick and infirm "Non-residents":—Nil.

Institutions outside District receiving sick and infirm "Residents" from it:—
Union House, Maidenhead; Cottage Hospital, Maidenhead; County Asylum, Moulsford and Royal Berks Hospital, Reading.

Year.	Population estimated to Middle of each Year.	Births.		Total Deaths Registered in the District.				Total Deaths in Public Institutions in the District.	Deaths of Non-residents registered in Public Institutions in the District.	Deaths of Residents registered in Public Institutions beyond the District.	Nett Deaths at all Ages belonging to the District	
				Under 1 Year of Age.		At all Ages.						
		Number.	Rate.*	Number.	Rate per 1,000 Births registered.	Number.	Rate.*				Number.	Rate.*
1	2	3	4	5	6	7	8	9	10	11	12	13
1899	10,554	254	24·1	26	102	126	11·9	nil.	nil.	21	147	13·9
1900	10,615	234	22·0	24	102	152	14·3	"	"	21	173	16·3
1901	10,686	265	24·8	34	128	136	12·7	"	"	21	157	14·6
1902	10,757	269	25·1	25	99	106	9·8	"	"	20	126	11.7
1903	10,828	232	21·4	26	112	118	10·9	"	"	20	138	12·7
1904	10,899	264	24·1	22	83	125	15·5	"	"	18	143	13·7
1905	10,970	264	24·9	16	61	109	10·3	"	"	19	128	12·8
1906	11,141	221	19·8	19	86	100	9·0	"	"	12	112	10·0
1907	11,212	278	24·7	21	75	114	10·1	"	"	20	134	10·1
1908	11,283	263	23·3	19	72	108	9·5	"	"	25	133	11·7
Averages for years 1899-1908	10,894	254	23·4	23	95	119	11·4	"	"	19	139	12·7
1909	11,354	248	21·8	20	80	118	10·3	"	"	18	136	11·9

* Rates in Columns 4, 8 and 13 calculated per 1,000 of estimated population.

At Census of 1901: Area of District in acres (exclusive of area covered by water) 27,428; Total population at all ages, 10,574; Number of inhabited houses, 2,373; Average number of persons per house, 4·5.

TABLE III,

Cases of Infectious Diseases notified during the Year 1909.

Notifiable Disease.	Cases notified in whole district.							No. of cases removed to hospital from each locality.
	At all Ages.	At Ages—Years.						
		Under 1.	1 to 5.	5 to 15.	15 to 25.	25 to 65.	65 and upwards.	
Small-pox	...	...	...	...	...	...	...	...
Cholera	...	...	...	...	...	...	...	...
Diphtheria and Membranous croup ...	29	...	6	19	2	2	...	5
Erysipelas	4	...	...	...	...	4	...	...
Scarlet fever	30	...	9	17	2	2	...	1
Typhus fever	...	...	...	...	...	...	...	...
Enteric fever	1	...	...	...	1	...	...	...
Relapsing fever ...	...	...	...	...	...	...	...	...
Continued fever ...	...	...	...	...	...	...	...	...
Puerperal fever ...	..	...	...	...	...	...	...	...
Plague	...	...	...	...	...	...	...	...
Tuberculosis	1	...	...	1	...	...	...	..
Totals	65	...	15	37	5	8	...	6

Isolation Hospital: None in the District.

Cases can be sent to the Hospital in the Urban District of Maidenhead.

COOKHAM RURAL SANITARY DISTRICT.

TABLE IV.

Causes of, and Ages at, Death during Year 1909.

Causes of Death.	All ages.	Under 1.	1 & under 5.	5 & under 15.	15 & und. 25.	25 & und. 45.	45 & und. 65.	65 & upwards.	Deaths in Public Institutions.
No. of Persons living in District at Census 1901	10,574	235	890	2272	1775	2942	1739	721	
	Deaths in or belonging to whole District at subjoined Ages.								
1	2	3	4	5	6	7A	7B	8	
Small-pox	...	...	...	...	...	...	...	...	Not any Public Institution in the District.
Measles	...	...	...	...	...	...	...	...	
Scarlet fever	...	...	...	...	...	...	...	...	
Whooping-cough	...	...	...	...	...	...	...	...	
Diphtheria and membranous croup	6	...	2	4	...	...	...	...	
Croup	...	...	...	...	...	...	...	...	
Fever: Typhus	...	...	...	...	...	...	...	...	
Fever: Enteric	...	...	...	...	...	...	...	...	
Fever: Other continued	...	...	...	...	...	...	...	...	
Epidemic influenza	2	1	...	...	...	...	...	1	
Cholera	...	...	...	...	...	...	...	...	
Plague	...	...	...	...	...	...	...	...	
Diarrhœa	1	1	...	...	...	...	...	...	
Enteritis	...	..	...	...	...	...	...	...	
Puerperal fever	...	...	...	...	...	...	...	...	
Erysipelas	...	...	...	..	...	...	...	...	
Other septic diseases	...	...	...	...	...	...	...	...	
Acute rheumatism	1	...	...	1	...	...	...	...	
Phthisis	4	...	...	...	...	2	2	...	
Other tubercular diseases	4	...	2	...	...	...	1	1	
Cancer, malignant disease	8	...	...	...	...	...	5	3	
Bronchitis	10	2	...	...	...	...	4	4	
Pneumonia	8	2	...	...	...	1	...	5	
Pleurisy	...	...	...	...	...	...	...	...	
Other diseases of Respiratory organs	...	...	...	...	...	...	...	...	
Alcoholism, Cirrhosis of liver	4	...	...	...	..	...	3	1	
Venereal diseases	...	...	...	...	...	...	...	...	
Premature birth	8	8	...	...	...	...	...	...	
Diseases and accidents parturition	1	...	...	...	...	1	...	...	
Heart diseases	18	...	...	...	...	2	6	10	
Other diseases of circulating system	...	...	...	..	...	...	...	...	
Accidents	6	...	1	...	1	3	1	...	
Suicides	...	...	...	...	...	...	...	...	
Apoplexy and cerebral hemorrhage	11	...	...	...	...	1	3	7	
Other diseases of brain and nervous system	4	...	1	...	...	1	1	1	
Diseases of digestive system (not tubercular or cancerous)	4	...	...	...	1	...	2	1	
Hepatic diseases (not tubercular or cancerous)	...	...	...	...	...	...	...	...	
Renal diseases (not tubercular or cancerous)	5	...	...	...	...	...	2	3	
Rheumatism, gout, and rheumatoid arthritis	2	...	...	...	...	...	...	2	
Developmental diseases under 5 years of age	1	...	1	...	...	...	...	...	
Old age and decay	17	...	...	...	...	...	...	17	
All other causes	11	6	...	...	2	...	1	2	
All causes	M. 78 / F. 58 = 136	20	7	5	4	11	31	58	...

COOKHAM RURAL SANITARY DISTRICT.

TABLE V.

Infantile Mortality in 1909 from Stated Causes in Weeks and Months under One Year of Age.

	CAUSE OF DEATH.	Under 1 Week.	1-2 Weeks.	2-3 Weeks.	3-4 Weeks.	Total under 1 Month.	1-2 Months.	2-3 Months.	3-4 Months.	4-5 Months.	5-6 Months.	6-7 Months.	7-8 Months.	8-9 Months.	9-10 Months.	10-11 Months.	11-12 Months.	Total Deaths under One Year.
ALL CAUSES	Certified	9	2	1	...	12	1	3	1	...	...	...	2	...	...	...	1	20
	Uncertified	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Common Infectious Diseases	Small-pox	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Chicken-pox	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Measles	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Scarlet Fever	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Diphtheria : Croup	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Whooping Cough	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Diarrhœal Diseases	Diarrhœa, all forms	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Enteritis (not Tubercular) ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Gastritis, Gastro-intestinal Catarrh	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	1
Wasting Diseases	Premature Birth	6	2	...	...	8	...	...	...	...	...	...	...	...	...	...	...	8
	Congenital Defects	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Injury at Birth	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Want of Breast-milk... ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Atrophy, Debility, Marasmus.	1	...	1	...	2	...	...	1	...	...	...	...	...	...	...	...	3
Tubercular Diseases	Tubercular Meningitis ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Tubercular Peritonitis : Tabes Mesenterica	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Other Tubercular Diseases .	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Erysipelas	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Syphilis	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Rickets	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Meningitis (not Tubercular)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Convulsions	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Bronchitis	...	...	...	...	...	1	...	...	...	...	...	1	...	...	...	1	3
	Laryngitis	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Pneumonia	...	...	...	...	...	...	2	...	...	...	...	...	...	...	...	...	2
	Suffocation, overlaying ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Other Causes...	2	...	...	...	2	...	1	...	...	...	...	...	...	...	...	...	3
		9	2	1	...	12	1	3	1	...	...	...	2	...	...	...	1	20

Births in the year { legitimate . 242, illegitimate 6 } Registered Deaths from all Causes at all Ages 118 (Nett Deaths 136) Population to middle of 1909 11,354

Registered Deaths in the year of { legitimate infants ... 19, illegitimate infants ... 1 }

Maidenhead Urban Sanitary District.

STATISTICAL DETAILS OF THE CENSUS, 1901.

Area of District	2,125 acres
Land, 2,095 acres. Inland Water, 30 acres.	
Population	12,980
Males, 6,180. Females, 6,800.	
Occupied Houses	2,763
Density of occupation, 4·9 persons per house.	

Geological Character.—That portion of the district situated on the higher ground is on the cretaceous formation. That part of the town lying east of Queen Street is on the river drift gravels.

Meteorological Observations.—The total rainfall recorded during the year 1909 was 26·45 inches, this being rather more than half-an-inch less than the average rainfall for the year in the Thames Valley, and 1·20 inches above the average for the last ten years. The wettest month of the year was October, when 4·25 inches was registered, and the driest February, with a total fall of only 0·33 of an inch. At no time during the year did a state of flood exist. The highest point which the river reached at Boulter's Lock was only 6 inches above head water mark summer level.

Population and Housing.—The estimated population of the Borough at the middle of the year 1909 is 14,838. This estimation is calculated on the assumption that the average annual increase which took place during the decennial period 1891–1901 has continued. During the year twenty-five new

houses have been built and plans passed under the Building Bye-Laws for fifty more, so that it is probable that the actual population is larger than the above estimation as this increase of houses has been continuing annually.

Sewerage and Water Supply.—The sewage disposal works are working efficiently and now give a satisfactory effluent. The water supplied by the Water Company is of good quality. A new main has been laid in Braywick Road during the year.

Sanitary Work.—The Sanitary Inspector, Mr. J. H. Barford, reports having visited 811 premises during the year. Three complaints were received, and 170 detailed inspections made, 271 nuisances were discovered, the principal of these being:—

Water Closets	81
Blocked Drains	52
Ash and Dung Pits	23
Slaughterhouses	5
Bakehouses	3
Foul or Dilapidated Houses ...	48
Overcrowding	2

Nuisances were abated on 156 different premises. In sixteen cases formal notices were served, but in no instance was it necessary to institute legal proceedings. Thirty-one premises were disinfected after infectious disease.

Cowsheds, Dairies, &c.—The following table gives the number of premises registered in the district in 1909, all of which were inspected several times during the year :—

Cowsheds	2
Dairies and Milkshops	5
Slaughterhouses	7
Bakehouses	13
Piggeries	5
Common Lodging Houses ...	4

These on the whole were well kept, and any improvements suggested by the Medical Officer of Health were carried out by the owners or occupiers concerned.

Factory and Workshop Act, 1901.—Twelve factories, twenty-six workshops and eighteen work places were inspected. These were all found to be kept in accordance with the Act, and any minor defects noted were remedied by the persons concerned.

Isolation Hospital.—The institution was inspected on several occasions and always found to be clean and well kept. The older building of the two is however cold and draughty for patients and it would be a great improvement if an edifice of a more substantial character were erected. Since the above was written it has been decided to build a new administration block forthwith.

Notifiable Infectious Diseases.—The following table gives the number of cases of infectious disease notified in the district in 1909, as compared with the preceding year :—

	1908.	1909.
Scarlet Fever	41	111
Diphtheria	21	31
Erysipelas	7	10
Enteric Fever ...	1	2
Puerperal Fever ...	1	--
Tuberculosis ...	—	6
	71	160

Scarlet Fever.—This disease has been extremely prevalent in the last quarter of the year. Only twelve cases were notified in the first six months and the amount of this disease was unimportant until November when it assumed epidemic proportions, sixty-four cases being notified in the last two months of the year. One death was registered from this disease in November.

Diphtheria was present in the district during the last nine months of the year, and twelve deaths were registered from this disease in the year.

Enteric Fever.—Two cases were notified in 1909, these were probably "imported," and no spread of the disease took place.

Tuberculosis.—This appears for the first time this year as a notifiable disease. Its notification is however limited to "poor persons," as defined by the Local Government Board, or inmates of a Poor Law Institution. Six cases were so notified.

Non-Notifiable Infectious Diseases.—

Measles.—Two deaths were registered from this disease during the year, but at no time did it exist in an epidemic form.

Whooping Cough.—One death, that of an infant, was registered from this disease in the third quarter of the year. It was not however very prevalent in the year.

Influenza.—Influenza was prevalent in the early part of the year and accounted for five deaths.

Inspection of School Children.—The report of the School Medical Officer dealing with this matter has unfortuately not been received at the time of going to press.

Vital Statistics.—The number of births registered in the district during the year was 354—M. 178, F. 176, and the number of deaths 225—M. 127, F. 98, recorded during the several quarters of the year, as under :—

1st Quarter	...	...	...	70
2nd ,,	...	...	...	53
3rd ,,	...	...	...	54
4th ,,	...	...	...	48

From this total has to be deducted the deaths of twenty non-residents dying in public institutions, whilst the deaths of two previous residents dying outside the district have to be added,

making the corrected number of deaths 207—M. 114, F. 93. The birth and death statistics and rates per 1,000 of the estimated population are :—

	Males.	Females.	Total.	Rate per 1,000.
Births	178	176	354	23·8
Deaths	114	93	207	13.9

Two deaths were recorded from measles, one each from scarlet fever and whooping cough, and twelve from diphtheria, whilst phthisis was fatal to twelve, cancer to twenty, and bronchitis to fifteen.

Infantile Mortality.—The number of infants dying in their first year was 31, giving a rate per 1,000 births of 87. Six of these were prematurely born, two died from diarrhœal diseases, six from debility, and four from convulsions.

The following are the rates for the principal causes of death per 1,0 0 of the estimated population :—

Measles	0·13	Cancer	1·34
Scarlet Fever ...	0·06	Bronchitis	1 00
Whooping Cough	0·06	Developmental Diseases	
Diphtheria ...	0·78	under five years ...	0·20
Phthisis	0·78		

MAIDENHEAD URBAN SANITARY DISTRICT.

TABLE I.

Vital Statistics of Whole District during 1909 and Previous Years.

Institutions within District receiving sick and infirm "Non-residents":—
Union House, Maidenhead; and Cottage Hospital, Maidenhead.

Institutions outside District receiving sick and infirm "Residents" from it:—
County Asylum, Moulsford; and Royal Berks Hospital, Reading.

Year.	Population estimated to Middle of each Year.	Births.		Total Deaths Registered in the District.				Total Deaths in Public Institutions in the District.	Deaths of Non-residents registered in Public Institutions in the District.	Deaths of Residents registered in Public Institutions beyond the District.	Nett Deaths at all Ages belonging to the District.	
				Under 1 Year of Age.		At all Ages.						
		Number.	Rate.*	Number.	Rate per 1,000 Births registered.	Number.	Rate.*				Number.	Rate.*
1	2	3	4	5	6	7	8	9	10	11	12	13
1899	12,467	316	25·3	42	133	211	16·9	37	16	5	200	16·0
1900	12,704	332	26·1	48	145	195	15·3	35	15	4	184	14·5
1901	12,940	336	26·0	34	101	175	13·5	42	19	8	164	12·7
1902	13,178	347	26·3	37	107	196	14·9	36	16	7	187	14·2
1903	13,416	359	26·7	31	103	171	12·7	37	18	4	157	11·7
1904	13,650	344	25·2	36	104	186	13·6	35	16	6	170	12·4
1905	13,890	311	22·4	25	80	187	13·5	43	16	9	180	12·9
1906	14,124	324	22·9	34	105	155	11·0	36	10	9	154	10·9
1907	14,362	368	25·6	35	92	201	13·9	40	22	8	187	12·3
1908	14,600	357	24·4	35	98	198	13·5	52	25	4	177	12·1
Averages for years 1899-1908	13,533	339	25·0	35	106	187	13·8	39	17	6	176	12·9
1909	14,838	354	23·8	31	87	225	15·1	44	20	2	207	13·9

* Rates in Columns 4, 8 and 13 calculated per 1,000 of estimated population.

At Census of 1901: Area of District in acres (exclusive of area covered by water) 2,095; Total population at all ages, 12,980; Number of inhabited houses, 2,763; Average number of persons per house, 4·9.

TABLE III.

Cases of Infectious Diseases notified during the Year 1909.

Notifiable Disease.	Cases notified in whole district.							No. of cases removed to hospital from each locality.
	At all Ages.	At Ages—Years.						
		Under 1.	1 to 5.	5 to 15.	15 to 25.	25 to 65.	65 and upwards.	
Small-pox	...	...	...	...	...	...	...	...
Cholera	...	...	...	...	...	...	...	...
Diphtheria and Membranous croup ...	31	...	9	18	...	4	...	4
Erysipelas	10	...	...	1	1	7	1	...
Scarlet fever	111	...	19	78	7	7	...	25
Typhus fever	...	...	...	...	...	...	...	...
Enteric fever	2	...	1	...	1	...	...	...
Relapsing fever ...	...	...	...	...	...	...	...	...
Continued fever ...	...	...	...	...	...	...	...	...
Puerperal fever ...	...	...	...	...	...	...	...	...
Plague	...	...	...	...	...	...	...	...
Tuberculosis	6	...	...	...	...	6	...	...
Totals	160	...	29	97	9	24	1	29

Isolation Hospital: On the western outskirts of the town.

MAIDENHEAD URBAN SANITARY DISTRICT.

TABLE IV.

Causes of, and Ages at, Death during Year 1909.

Causes of Death.	All ages.	Under 1.	1 & under 5.	5 & under 15.	15 & und. 25.	25 & und. 45.	45 & und. 65.	65 & upwards.	Deaths in Public Institutions.
No. of Persons living in District at Census 1901	12,980	308	1093	2763	2423	3745	2027	624	
	Deaths in or belonging to whole District at subjoined Ages.								
1	2	3	4	5	6	7A	7B	8	
Small-pox	...	...	...	...	...	...	...	...	...
Measles	2	...	2	...	...	...	...	...	...
Scarlet fever	1	...	...	1	...	...	...	...	...
Whooping-cough	1	1	...	...	...	...	...	...	...
Diphtheria and membranous croup	12	...	5	6	...	...	1	...	3
Croup	...	...	...	...	...	...	...	...	...
Fever: Typhus	...	...	...	...	...	...	...	...	...
Fever: Enteric	...	...	...	...	...	...	...	...	...
Fever: Other continued	...	...	...	...	...	...	...	...	...
Epidemic influenza	5	...	...	1	...	1	3	...	...
Cholera	...	...	...	...	...	...	...	...	...
Plague	...	...	...	...	...	...	...	...	...
Diarrhœa	2	2	...	...	...	...	...	...	...
Enteritis	1	...	...	...	...	...	1	...	1
Puerperal fever	...	...	...	...	...	...	...	...	...
Erysipelas	...	...	...	...	...	...	...	...	...
Other septic diseases	...	...	...	...	...	...	...	...	...
Acute rheumatism	1	...	...	1	...	...	...	...	...
Phthisis	12	...	...	...	1	8	3	...	1
Other tubercular diseases	7	1	3	1	...	...	1	1	2
Cancer, malignant disease	20	...	...	...	...	1	9	10	3
Bronchitis	15	1	3	...	...	...	2	9	5
Pneumonia	12	3	1	...	1	4	3	...	1
Pleurisy	...	...	...	...	...	...	...	...	...
Other diseases of Respiratory organs	1	...	...	...	...	...	1	...	...
Alcoholism, Cirrhosis of liver	1	...	...	...	...	...	1	...	...
Venereal diseases	2	1	1	...	...	...	...	...	...
Premature birth	6	6	...	...	...	...	...	...	...
Diseases and accidents parturition	...	...	...	...	...	...	...	...	...
Heart diseases	19	...	...	...	1	1	8	9	1
Other diseases of circulating system	1	...	...	...	...	...	...	1	...
Accidents	4	...	1	1	1	1	...	...	1
Suicides	2	...	...	...	...	1	1	...	...
Apoplexy and cerebral hemorrhage	11	...	1	...	1	1	1	7	6
Other diseases of brain and nervous system	8	1	...	...	1	3	2	1	1
Diseases of digestive system (not tubercular or cancerous)	8	...	...	...	...	1	4	3	1
Hepatic diseases (not tubercular or cancerous)	...	...	...	...	...	...	...	...	...
Renal diseases (not tubercular or cancerous)	8	...	...	1	...	...	4	3	1
Rheumatism, gout, and rheumatoid arthritis	...	...	...	...	...	...	...	...	...
Developmental diseases under 5 years of age	3	2	1	...	...	...	...	...	...
Old age and decay	21	...	...	...	...	...	...	21	15
All other causes	21	13	...	1	1	2	1	3	2
All causes	M. 114 / F. 93 = 207	31	18	13	7	24	46	68	44

MAIDENHEAD URBAN SANITARY DISTRICT.

TABLE V.

Infantile Mortality in 1909 from Stated Causes in Weeks and Months under One Year of Age.

	CAUSE OF DEATH.	Under 1 Week.	1-2 Weeks.	2-3 Weeks.	3-4 Weeks.	Total under 1 Month.	1-2 Months.	2-3 Months.	3-4 Months.	4-5 Months.	5-6 Months.	6-7 Months.	7-8 Months.	8-9 Months.	9-10 Months.	10-11 Months.	11-12 Months.	Total Deaths under One Year.
All Causes	Certified	9	4	1	1	15	3	3	3	6	...	...	...	...	1	...	...	31
	Uncertified	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Common Infectious Diseases	Small-pox	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Chicken-pox	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Measles	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Scarlet Fever	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Diphtheria : Croup	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	1
	Whooping Cough	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Diarrhœal Diseases	Diarrhœa, all forms	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	1
	Enteritis (not Tubercular)	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	1
	Gastritis, Gastro-intestinal Catarrh	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Premature Birth	3	2	...	1	6	...	...	...	...	...	...	...	...	...	...	...	6
Wasting Diseases	Congenital Defects	1	...	...	...	1	1	...	...	...	...	...	...	...	...	...	...	2
	Injury at Birth	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Want of Breast-milk	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Atrophy, Debility, Marasmus	3	...	1	...	4	2	...	...	...	...	...	...	...	...	...	...	6
Tubercular Diseases	Tubercular Meningitis	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Tubercular Peritonitis : Tabes Mesenterica	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Other Tubercular Diseases	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Erysipelas	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Syphilis	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	1
	Rickets	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Meningitis (not Tubercular)	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	1
	Convulsions	...	2	...	...	2	...	...	...	2	...	...	...	...	...	...	...	4
	Bronchitis	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	1
	Laryngitis	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Pneumonia	...	...	...	...	...	...	...	1	2	...	...	...	...	...	...	...	3
	Suffocation, overlaying	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Other Causes	2	...	...	...	2	...	1	...	1	...	...	...	...	...	...	...	4
		9	4	1	1	15	3	3	3	6	...	...	...	...	1	...	...	31

Births in the year { legitimate . 334, illegitimate 20 } Registered Deaths from all Causes at all Ages (Nett Deaths 207) 225 Population to middle of 1909 } 14,838

Registered Deaths in the year of { legitimate infants ... 28, illegitimate infants ... 3 }

Easthampstead Rural Sanitary District.

STATISTICAL DETAILS OF THE CENSUS OF 1901.

Area of District ... ... 27,033 acres
Land, 26,897 acres. Inland Water, 136 acres.

Population 15,757
Density of population, 5·4 per house, one to every 1·8 acres.

Nearly 1,000 were scholars at Wellington College or cadets at the Royal Military College, Sandhurst, and 657 inmates of Broadmoor Criminal Lunatic Asylum, who are received from all parts of the country. There were also 110 inmates of the Union Workhouse and thirty-two patients in the Ascot Priory Home.

Geological Character.—The London and South-Western Railway, which runs from east to west through the district, is practically the dividing line, to the north of which the district is on the London clay, while the portion to the south is situate on the Bagshot sand.

Meteorological Observations.—The total rainfall for the year was 28·75 inches, shewing an increase of 3 96 inches over the year 1908. The average fall for the years 1896-1909, inclusive, was 24·82, thus 1909 is 3·93 inches above that average. Rain fell on 143 days.

Housing and Population.—The excess of males over females shown in the census of 1901 is accounted for by the fact that the enumeration was effected when the cadets at the Royal Military College, Sandhurst, and the scholars at Wellington College were in session. The vital statistics are based, as usual, on the census returns after the exclusion of the inmates of Broadmoor Asylum, and the nett population to the middle of the year 1909 is estimated to be 16,707.

Forty-eight new houses were built during the year and thirty-four certificates of water supply granted.

Sewerage and Water Supply.—The only portion of the district provided with a sewerage system at the present time is Bracknell, where about half a mile of new sewers have been recently added. The sewage disposal works near the Wokingham Road are working efficiently and a satisfactory effluent is now obtained. In the southern portion of the district the increase of building at Crowthorne and Sandhurst, and the difficulty at the latter place of the disposal of sewage and slop water, owing to the nature of the soil and the inadequate size of the gardens of many of the modern cottages, will probably in the next few years call for the adoption of some system of sewering.

Three water companies serve the district, the South-West Suburban, the Frimley and the Wokingham. A large portion of the district depends on wells for its water supply.

The water from the South-West Suburban Company's mains has for some time past shewn signs of inefficient filtration, and on last analysing a sample the presence of the sewage organism, the Bacillus Coli Communis, was discovered. This has since been confirmed by an examination made by another analyst. A very serious condition of affairs thus exists in the parts of the district served by this Company, as the presence of a sewage organism shews the possibility of a disease germ, *e.g.*, the Bacillus Typhosus, gaining access, in which case a wide spread of epidemic might ensue.

Isolation Hospital.—It is a matter of regret that there is still no institution in the district for the treatment of the infectious sick. A conference of representatives of the Rural District Councils of Cookham, Windsor, Easthampstead, and Wokingham and Wokingham Urban was held at Reading in November, when the Chairman (Mr. Ferard) suggested that a joint hospital to serve the Rural Sanitary Districts in East Berkshire should be provided. This view was strongly supported by the County Medical Officer, the Medical Officer of Health for Wokingham Urban and Rural

Districts and by the Medical Officer of Health for the Berkshire Combined Districts. Further reference to this matter will be found on page 10.

Sanitary Work.—The Sanitary Inspector, Mr. C. Yorke, reports the inspection of 1,256 premises during the year, of which 555 were detailed inspections. Two complaints were received and fifty-four nuisances discovered, the principal of which were :

Drains, Closets, &c.	26
Cowsheds	6
Deficient Water Supplies	6
Overcrowded or Foul Houses	5
Foul Ditches	4

All the nuisances found were remedied; in forty-five cases formal notices were served and one case legal proceedings were taken and a conviction obtained. Thirty houses were disinfected after infectious disease.

Cowsheds, Dairies, etc.—The following premises were inspected during the year :—

Cowsheds	60
Dairies	28
Milkshops	5
Slaughterhouses	7
Bakehouses	27

On the whole the premises were found to be well kept and any defects noticed were readily rectified by the persons concerned. The cowsheds, as a rule, are now far better kept than they were a few years ago. The slaughterhouses were well kept; no case of a carcase of an animal suffering from tuberculosis was reported.

Factory and Workshops Act, 1901.—Five factories and sixty workshops were inspected during the year, in two instances a want of cleanliness was found and subsequently remedied, and in one case the sanitary accommodation was insufficient, and this was referred to H.M. Inspector.

Infectious Notifiable Diseases.—The total number of cases notified was forty, and the table below gives the number of each disease as compared with 1908 :—

		1908.	1909.
Scarlet Fever	...	29	18
Diphtheria ...	...	10	19
Erysipelas ...	...	4	1
Enteric Fever	...	4	1
Puerperal Fever	...	—	—
Tuberculosis...	...	—	1
		47	40

No case of infectious disease was reported during the last eleven weeks of the year.

Scarlet Fever.—Five cases of this disease occurred in the month of May and the remaining cases were spread over the remainder of the year, the last notified being September 19th. One death took place in June.

Diphtheria.—Four cases were notified in January, two in March and five in August. Four deaths from this disease were registered during the year.

Tuberculosis.—This disease appears for the first time as a notifiable disease, the notification is only applicable to "poor persons" as defined by the Local Government Board. Only one case was notified during the year in the district.

Non-Notifiable Diseases.—

Measles. — This disease was prevalent at Sandhurst in February, and the schools were closed from February 2nd to March 3rd ; another outbreak occurred at Crowthorne in June, and the infant schools were closed for three weeks. Only one death was recorded, this being in the month of February.

Whooping Cough.—A few cases occurred in the early part of the year, but no fatal termination was notified.

Chicken Pox.—Only a very few cases were brought to notice, and no death was registered.

Influenza was prevalent during the late winter and early spring, and seven deaths were notified in the first half of year and two in August. The schools at Winkfield, Bracknell, Warfield and Finchhampstead were closed on account of this disease in March.

Vital Statistics.—The number of births registered in the district during the year was 366—M. 180, F. 186, and the number of deaths 186—M. 105, F. 81. These were recorded in the various quarters of the year as under :—

1st Quarter	...	...	...	51
2nd ,,	...	...	...	54
3rd ,,	...	...	...	40
4th ,,	...	...	...	41

Twenty-five deaths were registered as occurring at Broadmoor Asylum, all of these being of persons who previously resided in other districts. These have to be deducted from the total number of deaths registered in the Easthampstead District, and nine residents who died in public institutions without the district have to be added to the total, thus making the corrected number of deaths 170—M. 86, F. 84. The statistics for the year, together with the rates per 1,000 of the estimated population, are :—

	Males.	Females.	Total.	Rate per 1,000.
Births	180	186	366	21·9
"Corrected" Deaths	86	84	170	10·1

Infantile Mortality.—The number of infants dying in their first year was twenty, the rate, fifty-four per 1,000 births, being the lowest for the past ten years. Of the number recorded, seven were born prematurely, eleven died of congenital defects, one from bronchitis and one from pneumonia.

From Table IV. it will be seen the number of persons dying during the year from the different diseases. The rates per 1,000 of the estimated population for the principal causes of death are :

Measles ...	0·05	Bronchitis	0·76
Scarlet Fever...	0·05	Heart Diseases ...	0·88
Diphtheria ...	0·23	Developmental Diseases under five years ...	0·35
Influenza ...	0·54	Old Age	1·77
Phthisis ...	0·41		
Cancer... ...	0·82		

EASTHAMPSTEAD RURAL SANITARY DISTRICT.

TABLE I.

Vital Statistics of Whole District during 1909 and Previous Years.

Institutions within District receiving sick and infirm "Non-residents":—
Broadmore Asylum.

Institutions outside District receiving sick and infirm "Residents" from it:—
County Asylum, Moulsford; and Royal Berks Hospital, Reading.

Year.	Population estimated to Middle of each Year.	Births.		Total Deaths Registered in the District.				Total Deaths in Public Institutions in the District.	Deaths of Non-residents registered in Public Institutions in the District.	Deaths of Residents registered in Public Institutions beyond the District.	Nett Deaths at all Ages belonging to the District.	
				Under 1 Year of Age.		At all Ages.						
		Number.	Rate.*	Number.	Rate per 1,000 Births registered.	Number.	Rate.*				Number.	Rate.*
1	2	3	4	5	6	7	8	9	10	11	12	13
1899	14,686	324	22·1	33	102	189	12·9	28	13	14	190	12·9
1900	14,889	332	22·3	37	112	225	15·1	36	18	11	218	14·6
1901	15,019	323	21·4	18	56	161	10·7	32	17	8	152	10·1
1902	15,293	334	21·8	25	75	181	12·7	30	17	9	172	11·3
1903	15,495	371	23·9	28	75	180	11·6	32	21	16	175	11·3
1904	15,697	352	22·4	35	99	201	12·8	41	17	11	195	12·4
1905	15,899	367	23·1	26	71	180	11·3	40	20	8	168	10·5
1906	16,101	343	21·3	26	75	187	11·6	44	25	10	162	10·0
1907	16,303	345	21·1	29	87	168	10·3	35	11	8	165	10·1
1908	16,505	343	20·7	32	93	199	12·0	46	27	5	177	10·7
Averages for years 1899-1908	15,648	343	22·0	28	84	187	12·1	36	18	10	176	11·3
1909	**16,707**	**366**	**21·9**	**20**	**54**	**186**	**11·1**	**40**	**25**	**9**	**170**	**10·1**

* Rates in Columns 4, 8 and 13 calculated per 1,000 of estimated population.

At Census of 1901: Area of District in acres (exclusive of area covered by water) 26,897; Total population at all ages, 15,757; Number of inhabited houses, 2,928. Average number of persons per house, 5·4.

TABLE III.

Cases of Infectious Disease notified during the Year 1909.

Notifiable Disease.	Cases notified in whole district.							No. of cases removed to hospital from each locality.
	At all Ages.	At Ages—Years.						
		Under 1.	1 to 5.	5 to 15.	15 to 25.	25 to 65.	65 and upwards	
Small-pox	...	...	...	...	...	...	...	...
Cholera	...	...	...	...	...	...	...	...
Diphtheria and Membranous croup ...	19	...	4	10	2	3	...	...
Erysipelas	1	...	...	...	...	1	...	...
Scarlet fever	18	...	5	8	2	3	...	...
Typhus fever	...	...	...	...	...	...	...	...
Enteric fever	1	...	...	...	...	1	...	...
Relapsing fever ...	...	...	...	...	...	...	...	...
Continued fever ...	...	...	...	...	...	...	...	...
Puerperal fever ...	...	...	...	...	...	...	...	...
Plague	...	...	...	...	...	...	...	...
Tuberculosis	1	...	...	...	...	1	...	...
Totals	**40**	...	**9**	**18**	**4**	**9**	...	...

Isolation Hospital: None in the District.

EASTHAMPSTEAD RURAL SANITARY DISTRICT.

TABLE IV.

Causes of, and Ages at, Death during Year 1909.

Causes of Death.	All ages.	Under 1.	1 & under 5.	5 & under 15.	15 & und. 25.	25 & und. 45.	45 & und. 65	65 & upwards.	Deaths in Public Institutions.
No. of Persons living in District at Census 1901	15,757	294	1211	3280	3124	4319	2632	897	
	Deaths in or belonging to whole District at subjoined Ages.								
1	2	3	4	5	6	7A	7B	8	
Small-pox	...	...	...	...	...	...	...	...	...
Measles	1	...	1	...	...	...	...	...	...
Scarlet fever	1	...	1	...	...	...	...	...	...
Whooping-cough	...	...	...	...	...	...	...	...	...
Diphtheria and membranous croup	4	...	...	4	...	...	...	...	...
Croup	...	...	...	...	...	...	...	...	...
Fever: Typhus	...	...	...	...	...	...	...	...	...
Fever: Enteric	...	...	...	...	...	...	...	...	...
Fever: Other continued	...	...	...	...	...	...	...	...	...
Epidemic influenza	9	...	...	...	1	1	4	3	...
Cholera	...	...	...	...	...	...	...	...	...
Plague	...	...	...	...	...	...	...	...	...
Diarrhœa	...	...	...	...	...	...	...	...	...
Enteritis	2	...	...	...	...	1	...	1	...
Puerperal fever	...	...	...	...	...	...	...	...	...
Erysipelas	...	...	...	...	...	...	...	...	...
Other septic diseases	2	1	...	...	1	...	...	...	...
Acute rheumatism	4	...	...	...	...	1	2	1	1
Phthisis	7	...	...	...	1	6	...	...	...
Other tubercular diseases	3	...	1	...	1	1	...	...	...
Cancer, malignant disease	14	...	...	...	...	2	3	9	5
Bronchitis	13	1	...	...	...	...	1	11	...
Pneumonia	5	1	2	...	...	1	...	1	1
Pleurisy	...	...	...	...	...	...	...	...	...
Other diseases of Respiratory organs	1	...	...	...	...	...	...	1	...
Alcoholism, Cirrhosis of liver	6	...	...	...	...	2	3	1	...
Venereal diseases	...	...	...	...	...	...	...	...	...
Premature birth	7	7	...	...	...	...	...	...	...
Diseases and accidents parturition	...	...	...	...	...	...	...	...	...
Heart diseases	15	...	...	...	1	1	6	7	5
Other diseases of circulating system	...	...	...	...	...	...	...	...	...
Accidents	1	...	...	...	1	...	...	...	...
Suicides	1	...	...	...	...	...	1	...	...
Apoplexy and cerebral hemorrhage	11	...	...	...	...	1	4	6	7
Other diseases of brain and nervous system	6	...	1	1	...	1	3	...	...
Diseases of digestive system (not tubercular or cancerous.)	2	...	...	1	...	...	...	1	1
Hepatic diseases (not tubercular or cancerous.)	...	...	...	...	...	...	...	...	...
Renal diseases (not tubercular or cancerous.)	8	...	...	...	...	...	4	4	3
Rheumatism, gout, and rheumatoid arthritis	...	...	...		...	...	...	...	...
Developmental diseases under 5 years of age	6	5	1	...	...	...	...	...	...
Old age and decay	30	...	...	...	...	...	...	30	16
All other causes	11	5	1	...	...	4	...	1	1
All causes	M. 86 F. 84 = 176	20	8	6	6	22	31	77	40

EASTHAMPSTEAD RURAL SANITARY DISTRICT.

TABLE V.

Infantile Mortality in 1909 from Stated Causes in Weeks and Months under One Year of Age.

	CAUSE OF DEATH.	Under 1 Week.	1-2 Weeks.	2-3 Weeks.	3-4 Weeks.	Total under 1 Month.	1-2 Months.	2-3 Months.	3-4 Months.	4-5 Months.	5-6 Months.	6-7 Months.	7-8 Months.	8-9 Months.	9-10 Months.	10-11 Months.	11-12 Months.	Total Deaths under One Year.
All Causes	Certified	7	2	...	1	10	4	...	3	2	...	...	...	...	...	1	...	20
	Uncertified	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Common Infectious Diseases	Small-pox	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Chicken-pox	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Measles	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Scarlet Fever	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Diphtheria: Croup	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Whooping Cough	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Diarrhœal Diseases	Diarrhœa, all forms	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Enteritis (not Tubercular)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Gastritis, Gastro intestinal Catarrh	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Wasting Diseases	Premature Birth	5	1	...	1	7	...	...	...	...	...	...	...	...	...	...	...	7
	Congenital Defects	2	1	...	...	3	3	...	2	1	...	...	...	...	...	...	...	9
	Injury at Birth	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Want of Breast-milk	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Atrophy, Debility, Marasmus	...	...	...	...	...	1	...	...	1	...	...	...	...	...	...	...	2
Tuberculous Diseases	Tubercular Meningitis	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Tubercular Peritonitis: Tabes Mesenterica	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Other Tubercular Diseases	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Erysipelas	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Syphilis	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Rickets	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Meningitis (not Tubercular)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Convulsions	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Bronchitis	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	1
	Laryngitis	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Pneumonia	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	1
	Suffocation, overlaying	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Other Causes	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		7	2	...	1	10	4	...	3	2	...	...	...	...	...	1	...	20

Births in the year { legitimate . 354, illegitimate 12 } Registered deaths from all Causes at all Ages (Nett Deaths 170) } 186 Population to middle of 1909 } 16,707

Registered Deaths in the year of { legitimate infants ... 20, illegitimate infants ... ... }

Windsor Rural Sanitary District.

STATISTICAL DETAILS OF CENSUS OF 1901.

Area of District ... ... 10,567 acres
Land, 10,339 acres. Inland Water, 228 acres.

Population 14,274
Males, 6,699. Females, 7,575.

Density of occupation, 5·1 persons per house, 1·4 per acre.

Geological Character.—Clewer Without and Old Windsor are mainly on the London clay. That portion of the district lying parallel to the River Thames is on the river drift gravels and alluvium. Nearly the whole of the remaining parts of the district are on the Bagshot sand.

Meteorological Observation.—The total rainfall for the year was 26·41 inches, showing an increase of 2·71 inches over 1908 and 1·41 inches above the average for this district. The wettest month was October with a fall of 4·26, and the driest February, when only 0·32 of an inch was recorded. Rain fell on 205 days. The highest point the river reached in the district was 2 ft. above summer level head water mark on October 30th at Old Windsor weir. At no time during the twelve months did anything approaching a flood take place.

Housing and Population.—During the decennial census period 1891–1901, the increase in population was 1,745 persons—M. 826, F. 919. Assuming that the increase in population has progressed in a like manner, it is calculated that the population at the middle of the year 1909 will be 15,138. Nineteen plans were passed and new houses built during the year, and four were closed as unfit for occupation. Seven houses were reported as being overcrowded and eleven as dirty or dilapidated.

Sewerage.—The sewering of Clewer Without has been a great advantage to the inhabitants of this portion of the district. A Local Government Board inquiry was held at Sunningdale on the 24th June last for the purpose of determining the necessity or otherwise for the provision of drainage or scavenging for the parishes of Sunninghill and Sunningdale. In accordance with the finding of the Inspector, a scheme for the sewering of these parishes has been prepared and submitted to the Board. The collection of dry refuse has become an important question in the more populous parts of the district and is even more urgent now than when it was referred to in the report for 1908.

Water Supply.—Old Windsor and the greater portion of Clewer are supplied by the mains of the Windsor Corporation; Ascot, Sunningdale and Sunninghill by the South West Suburban Water Company. It is a matter of regret that the water supplied by the latter company has of late shown strong evidences of pollution and is of a very unsatisfactory character, due probably to deficient or negligent filtration. The more rural portions of the district depend on wells for their supply. Fourteen samples were taken for analysis during the year, of which eight were condemned. Twenty-five new supplies were provided from the mains.

Sanitary Work.—The Sanitary Inspector, Mr. E. A. Burch, reports having inspected 995 premises during the year, of which 101 were detailed inspections. Ninety-three complaints were received and 277 nuisances discovered. The principal of these being:—

Privies, Water Closets and Earth Closets ...	25
House Drains	61
Polluted and Deficient Water Supplies ...	10
Overcrowded, Foul or Dilapidated Houses ...	18
Cowsheds	3
Slaughterhouses	4
Foul Ditches	14

Nuisances were abated on 119 premises. Fifty-five formal notices were served, but in no case was it found necessary to take legal proceedings. Fifty-six premises were disinfected after infectious disease.

Cowsheds and Dairies, etc.—The following premises were inspected during the year :—

Cowsheds	32
Dairies	2
Milkshops	9
Slaughterhouses	7
Bakehouses...	21
Piggeries	41

These were generally well kept; in a few instances alterations were required and were carried out by the owner or occupier concerned. No case of tuberculous meat was reported during the year.

Factory and Workshop Act, 1901.—Four factories, one hundred and fourteen workshops and twenty-eight outworkers premises were inspected during the year, and eleven nuisances discovered, four of which were want of cleanliness and five being unsuitable or defective sanitary accommodation. The nuisances were subsequently abated.

Isolation Hospital.—Owing to the unfortunate want of unanimity of feeling among the delegates of the Joint Hospital Board this much needed institution is still unprovided. I referred to this matter more fully on page 140 of my report for 1908. Eight cases of scarlet fever were removed to London Fever Hospital and one to the Reading Isolation Hospital.

Notifiable Infectious Diseases.—The total number of cases of infectious disease notified was eighty-six. The sub-

joined table gives the number of each disease as compared with 1908 :—

		1908		1909
Scarlet Fever	...	29	...	69
Diphtheria ...	...	10	...	5
Erysipelas ...	...	4	...	10
Enteric Fever	...	4	...	2
Puerperal Fever	...	—	...	—
Tuberculosis	...	—	...	5
		47	...	91

Scarlet Fever.—The cases of scarlet fever notified were, as a rule, characterized by the extremely mild form of the disease. It is due to this fact that so many cases occurred, as it frequently happened that the disease was only detected in the later or peeling stage. No fatal case was registered.

Diphtheria.—Only five cases were notified ; these occurred at intervals through the year. One death was registered from this disease in the last quarter of the year (October).

Non-Notifiable Diseases.—

Measles.—This disease was not very prevalent in 1909 and only one death was recorded, this occurred in the early part of the year.

Whooping Cough was prevalent in the Clewer portion of the district during the summer months, and it was necessary to close the infant department of St. Katherine's School in that parish on July 5th for three weeks on account of this disease. The infant school of St. Stephen's in the same parish was likewise closed in September.

Chicken Pox.—There was a small outbreak of this disease at Old Windsor in October, and it was necessary to close both mixed and infant departments of the school for twenty-one days.

Tuberculosis.—For the first time tuberculosis appears as a notifiable infectious disease, but its notification is confined to "poor persons," as defined by the Local Government Board, or inmates of a Poor Law Institution. Five cases were thus reported

Vital Statistics.—The number of births registered in the year was 334—M. 169, F. 165, and the deaths 195—M. 110, F. 85, occurring in the several quarters of the year as under :—

1st Quarter	70
2nd "	40
3rd "	38
4th "	47

Of the number of deaths recorded in the district, sixty-seven occurred in public institutions and of these twenty were of non-residents. To arrive at the 'corrected" number these latter have to be deducted, whilst the deaths of three residents dying beyond the district have to be added, making the nett number of deaths 178—M. 97, F. 81. The statistics and the rates per 1,000 of the estimated population for the year are :—

	Males.	Females.	Total.	Rate per 1,000.
Births	169	165	334	22·0
"Corrected" Deaths	97	81	178	11·7

Twenty deaths were attributed to phthisis or other tuberculous diseases, fourteen to cancer, twelve to bronchitis and nine to pneumonia, whilst heart disease accounted for forty-two, diseases of the brain and nervous system to ten, whilst those dying solely from senile decay were twenty-two. From Table V. it will be seen that the number of children dying in their first year was seventeen, and it is gratifying to note that this number is the lowest recorded during the past ten years, and owing to a great extent to the improved methods now adopted regarding infantile life. The rate per 1,000 of the registered births is this year nearly 50 per cent. below the average for the period above mentioned. The rates per 1,000 for the principal causes of death are :—

Measles	0.06	Cancer	0·92
Diphtheria ...	0·06	Bronchitis ...	0·79
Phthisis	0·79	Apoplexy ...	0·52

WINDSOR RURAL SANITARY DISTRICT.

TABLE I.

Vital Statistics of Whole District during 1909 and Previous Years.

Institutions within District receiving sick and infirm "Non-residents":—
Union House, Old Windsor; and St. Andrew's Hospital, Windsor.

Institutions outside District receiving sick and infirm "Residents" from it:—
County Asylum, Moulsford; Royal Berks Hospital, Reading.

Year.	Population estimated to Middle of each Year.	Births.		Total Deaths Registered in the District.				Total Deaths in Public Institutions in the District.	Deaths of Non-residents registered in Public Institutions in the District.	Deaths of Residents registered in Public Institutions beyond the District.	Nett Deaths at all Ages belonging to the District.	
				Under 1 Year of Age.		At all Ages.						
		Number.	Rate.*	Number.	Rate per 1,000 Births registered.	Number.	Rate.*				Number.	Rate.*
1	2	3	4	5	6	7	8	9	10	11	12	13
1899	13,724	366	26·6	41	112	226	16·4	70	52	9	183	13·3
1900	13,894	330	23·7	37	112	206	14·8	55	39	7	173	12·4
1901	14,064	306	21·7	33	108	200	14·2	44	31	2	171	12·1
1902	14,263	342	24·0	35	102	222	15·5	42	29	1	194	13·6
1903	14,354	305	21·2	25	91	183	12·7	47	35	2	148	10·3
1904	14,445	349	24·2	35	100	213	14·7	53	36	5	182	12·6
1905	14,774	319	21·6	22	69	171	11·6	38	23	4	152	10·3
1906	14,865	390	26·2	36	92	207	13·9	62	49	5	163	10·7
1907	14,956	316	21·1	21	66	203	13·5	69	35	5	173	11·5
1908	15,047	337	22·3	23	68	200	13·2	56	19	6	187	12·4
Averages for years 1899-1908	14,438	336	23·2	30	92	203	14·0	53	34	4	172	11·9
1909	**15,138**	**334**	**22·0**	**17**	**50**	**195**	**12·8**	**67**	**20**	**3**	**178**	**11·7**

* Rates in Columns 4, 8 and 13 calculated per 1,000 of estimated population.

At Census of 1901: Area of District in acres (exclusive of area covered by water) 10,567; Total population at all ages, 14,265; Number of inhabited houses, 2,807; Average number of persons per house, 5·7.

TABLE III.

Cases of Infectious Diseases notified during the Year 1909.

Notifiable Disease.	Cases notified in whole district.							No. of cases removed to hospital from each locality.
	At all Ages.	At Ages—Years.						
		Under 1.	1 to 5.	5 to 15.	15 to 25.	25 to 65.	65 and upwards.	
Small-pox	...	...	...	...	...	...	...	...
Cholera	...	...	...	...	...	...	...	...
Diphtheria and Membranous croup ...	5	...	2	2	...	1	...	...
Erysipelas	10	1	1	1	...	5	2	...
Scarlet fever	69	...	8	49	7	5	...	9
Typhus fever	...	...	...	...	...	...	...	...
Enteric fever	2	...	...	...	...	2	...	...
Relapsing fever ...	...	...	...	...	...	...	...	...
Continued fever ...	...	...	...	...	...	...	...	...
Puerperal fever ...	...	...	...	...	...	...	...	...
Plague	...	...	...	...	...	...	...	...
Tuberculosis	5	...	...	...	...	5	...	...
Totals	91	1	11	52	7	18	2	*9

Isolation Hospital: None in the District.

* Eight cases were removed to London Fever Hospital and one to Reading Hospital.

WINDSOR RURAL SANITARY DISTRICT.

TABLE IV.

Causes of, and Ages at, Death during Year 1909.

Causes of Death.	All ages.	Under 1.	1 & under 5.	5 & under 15.	15 & und. 25.	25 & und. 45.	45 & und. 65.	65 & upwards.	Deaths in Public Institutions.
No. of Persons living in District at Census 1901	14,274	292	1205	3086	2643	4100	2199	746	
	Deaths in or belonging to whole District at subjoined Ages.								
1	2	3	4	5	6	7A	7B	8	
Small-pox	...	...	...	...	...	...	...	...	...
Measles	1	...	...	1	...	...	...	...	...
Scarlet fever	...	...	...	...	...	...	...	...	...
Whooping-cough	...	...	...	...	...	...	...	...	..
Diphtheria and membranous croup	1	...	1	...	...	...	...	...	...
Croup	...	...	...	...	...	...	...	...	...
Fever { Typhus	...	...	...	...	...	...	...	...	...
Fever { Enteric	...	...	...	...	...	...	...	...	...
Fever { Other continued...	...	...	...	...	...	...	...	...	...
Epidemic influenza	4	...	...	...	...	1	...	3	1
Cholera	...	..	...	...	...	...	...	...	...
Plague	...	..	...	...	...	...	...	...	...
Diarrhœa	1	1	...	...	...	...	...	...	...
Enteritis	...	...	...	...	...	...	...	...	...
Puerperal fever	...	...	...	...	...	...	...	...	...
Erysipelas	1	...	...	..	...	...	...	1	1
Other septic diseases	...	...	...	...	..	...	...	...	...
Acute rheumatism	...	...	...	...	...	...	...	...	...
Phthisis	12	...	...	1	1	3	6	1	7
Other tubercular diseases	8	2	1	2	...	2	1	...	1
Cancer, malignant disease	14	...	...	...	1	1	10	2	5
Bronchitis	12	2	...	...	...	...	4	6	3
Pneumonia	9	2	..	1	...	...	4	2	4
Pleurisy	...	..	...	...	...	...	...	..	...
Other diseases of Respiratory organs	...	...	...	...	...	...	...	...	...
Alcoholism, Cirrhosis of liver	...	...	...	...	...	...	...	...	...
Venereal diseases	...	...	...	...	...	...	...	...	...
Premature birth	1	1	...	...	...	...	...	...	...
Diseases and accidents parturition	...	...	...	...	...	...	...	...	...
Heart diseases	42	...	...	...	...	3	10	29	11
Other diseases of circulating system	...	...	...	...	...	...	...	...	...
Accidents	3	1	...	...	...	2	...	...	...
Suicides	4	...	...	...	...	...	2	2	1
Apoplexy and cerebral hemorrhage	8	...	...	...	...	...	2	6	...
Other diseases of brain and nervous system ...	10	...	...	1	...	1	4	4	7
Diseases of digestive system } not tubercular or cancerous	9	...	...	1	...	2	1	5	...
Hepatic diseases ... ... } not tubercular or cancerous	...	...	...	...	...	...	...	...	...
Renal diseases ... ... } not tubercular or cancerous	4	...	...	...	...	...	1	3	2
Rheumatism, gout, and rheumatoid arthritis...	1	...	...	...	...	1	...	...	...
Developmental diseases under 5 years of age ...	1	...	1	...	...	...	...	...	...
Old age and decay	22	...	...	...	...	...	...	22	20
All other causes	10	8	...	1	...	...	...	1	4
All causes	M. 97 F. 81 = 178	17	3	8	2	16	45	87	67

WINDSOR RURAL SANITARY DISTRICT.

TABLE V.

Infantile Mortality in 1909 from Stated Causes in Weeks and Months under One Year of Age.

	CAUSE OF DEATH.	Under 1 Week.	1-2 Weeks.	2-3 Weeks.	3-4 Weeks.	Total under 1 Month.	1-2 Months.	2-3 Months.	3-4 Months.	4-5 Months.	5-6 Months	6-7 Months.	7-8 Months.	8-9 Months.	9-10 Months.	10-11 Months.	11-12 Months.	Total Deaths under One Year.
ALL CAUSES	Certified	3	3	1	1	8	1	...	1	1	...	1	...	...	3	...	2	17
	Uncertified	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Common Infectious Diseases	Small-pox	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Chicken-pox	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Measles	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Scarlet Fever	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Diphtheria: Croup	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Whooping Cough	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Diarrhœal Diseases	Diarrhœa, all forms	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Enteritis (not Tubercular)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Gastritis, Gastro-intestinal Catarrh		...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	1
Wasting Diseases	Premature Birth	1	...	...	...	1		...	...	...	...	...	...	...	...	...	...	1
	Congenital Defects	2	2	...	...	4	...	...	...	1	...	...	...	...	...	...	...	5
	Injury at Birth	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Want of Breast-milk	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Atrophy, Debility, Marasmus	...	...	1	1	2	...	...	...	...	...	...	...	...	...	...	...	2
Tubercular Diseases	Tubercular Meningitis	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	1
	Tubercular Peritonitis: Tabes Mesenterica	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Other Tubercular Diseases	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	1
	Erysipelas	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Syphilis	...	...	...		...	...	...	...		...	...			...	...		...
	Rickets	...	...	...	...	...	...	...	...	...		...	...	...	...	...	...	...
	Meningitis (not Tubercular)	...	...	...	...	...	...	...	...	...	...		...	...	...	...	...	...
	Convulsions	...	1	...	...	1	...	...	1	...	...	...	...	...	...	...	...	2
	Bronchitis	...	...	...		...	...	...	...	...	...	...	...	...	1	...	2	3
	Laryngitis	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Pneumonia	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Suffocation, overlaying	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Other Causes		...	...		...	...			...	...	...	...	...	1	...	...	1
		3	3	1	1	8	1	...	1	1	...	1	...	...	3	...	2	17

Births in the year { legitimate . 322, illegitimate 12 } Registered Deaths from all Causes at all Ages 195 Population to middle of 1909 15,138

This number includes 20 persons ("non-residents") dying in Public Institutions in the District.

(Nett Deaths 178)

Registered Deaths in the year of { legitimate infants ... 15, illegitimate infants ... 2 }